

# Tabela odporności chemicznej

Odporność chemiczna:

1 = Dobra

2 = Ograniczona

X = Niezgodna

| Odporność chemiczna:<br>1 = Dobra<br>2 = Ograniczona<br>X = Niezgodna | A                           |      | B                          |      | C                                 |      | D          |      | E                                      |      | F               |      | G       |      | H          |      |
|-----------------------------------------------------------------------|-----------------------------|------|----------------------------|------|-----------------------------------|------|------------|------|----------------------------------------|------|-----------------|------|---------|------|------------|------|
|                                                                       | PVC                         |      |                            |      | Poliuretan                        |      | Poliester  |      | Polietilena                            |      | Polyamide 6-12  |      | Silicon |      | PTFE       |      |
|                                                                       | Standard si<br>TRICOCCLAIR® |      | Formula special<br>chimica |      | TECHNOBEL® PU,<br>Tube PU calibré |      | TECHNOBEL® |      | Profiline Aqua+<br>Profiline Aqua+Soft |      | Tube PA calibré |      | VITRYL® |      | Tubes PTFE |      |
|                                                                       | 20°C                        | 50°C | 20°C                       | 50°C | 20°C                              | 50°C | 20°C       | 50°C | 20°C                                   | 50°C | 20°C            | 50°C | 20°C    | 50°C | 20°C       | 50°C |
| Aldehyd octowy                                                        | x                           | x    | x                          | x    | x                                 | x    | 1          | 2    | 1                                      | 1    | 2               | x    | 1       | 1    | 1          | 1    |
| Acetamid                                                              | x                           | x    |                            |      | x                                 | x    | x          | x    | 1                                      | 2    | 1               |      |         |      | 1          | 1    |
| Acetofenon                                                            | x                           | x    | x                          | x    |                                   |      | 1          | 1    | 1                                      | 2    | 1               |      |         |      | 1          | 1    |
| Aceton                                                                | x                           | x    | x                          | x    | 2                                 | x    | x          | x    | 1                                      | 2    | 1               | 2    | 2       | 2    | 1          | 1    |
| Acetylen                                                              | 1                           | 1    | 1                          | 1    | 1                                 | 1    | 1          | 1    | 1                                      | 1    | 1               | 1    | x       | x    | 1          | 1    |
| AdBlue®                                                               | 1                           |      | 1                          |      | 1                                 | x    | 1          |      | 1                                      | 1    | 2               |      | 1       |      | 1          | 1    |
| Akohl metylowy 6%                                                     | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | x               | x    | 1       | 1    | 1          | 1    |
| Akrylan etylu                                                         | x                           | x    | x                          | x    |                                   |      | 1          | 2    |                                        |      |                 |      | 1       | 1    | 1          | 1    |
| Akrylan metylu                                                        |                             |      |                            |      |                                   |      | 1          | 2    | 1                                      | 1    |                 |      |         |      |            |      |
| Akrylonitryl                                                          | 1                           | 1    | 1                          | 1    | x                                 | x    | 2          | 2    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Aldehyd benzoesowy                                                    | x                           | x    | x                          | x    | x                                 | x    | x          | x    | 1                                      | 1    | 2               | 2    | x       | x    | 1          | 1    |
| Alifatyczne węglowodory                                               | x                           | x    | 1                          | 2    | 1                                 |      | 1          |      |                                        |      | 1               |      |         |      |            |      |
| Alkohol amylowy                                                       | 1                           | 2    | 1                          | 2    | 2                                 | x    | 1          | 2    | 1                                      | 1    | 1               | 2    | 2       | 2    | 1          | 1    |
| Alkohol benzylowy                                                     | x                           | x    |                            |      | 2                                 | x    | x          | x    | 1                                      | 2    | x               | x    |         |      | 1          | 1    |
| Alkohol butylowy                                                      | 1                           | 2    | 1                          | 2    | 2                                 | x    | 1          | 2    | x                                      | x    | 1               | 2    | 1       | 1    | 1          | 1    |
| Alkohol dwuacetonowy                                                  | x                           | x    | x                          | x    | 2                                 | x    | x          | x    | 1                                      | 1    | 1               |      | 1       | 1    | 1          | 1    |
| Alkohol etylowy <50%                                                  | 1                           | 2    | 1                          | 2    | 2                                 | x    | 1          | 2    | 1                                      | 2    | 2               | x    | 1       | 1    | 1          | 1    |
| Alkohol etylowy >50%                                                  | x                           | x    | 2                          | x    | 2                                 | x    | 1          | 2    | 1                                      | 2    | 2               | x    | 1       | 1    | 1          | 1    |
| Alkohol izobutyłowy                                                   |                             |      |                            |      | 2                                 | x    | 1          | 2    | 2                                      | 2    |                 |      |         |      | 1          | 1    |
| Alkohol izopropylowy                                                  | 1                           | 2    | 1                          | 2    | 2                                 | x    | 1          | 2    | 1                                      | 1    | 2               |      | 2       | 2    | 1          | 1    |
| Alun                                                                  | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 2          | 2    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Amoniak gazowy                                                        | 1                           |      | 1                          |      | 2                                 | 2    | 1          | 2    | 1                                      | 1    | 1               |      | 2       | 2    | 1          | 1    |
| Anilina                                                               | x                           | x    | x                          | x    | x                                 | x    |            |      | 1                                      | 1    | 2               |      | 1       | 1    | 1          | 1    |
| Arsenian (V) miedzi (III)                                             |                             |      |                            |      | 1                                 |      |            |      | 1                                      |      |                 |      | 1       | 1    | 1          | 1    |
| Arsenian (V) ołowiu (II)                                              | 1                           |      | 1                          |      | 1                                 |      | 1          | 2    | 1                                      |      |                 |      | 1       | 1    | 1          | 1    |
| Asfalt                                                                | x                           | x    | x                          | x    | x                                 | x    |            |      |                                        |      |                 |      | 2       | 2    | 1          | 1    |
| Azot                                                                  | 1                           | 1    | 1                          | 1    | 1                                 | 1    | x          | x    | 1                                      | 1    |                 |      |         |      | 1          | 1    |
| Azotan amonu                                                          | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | x    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Azotan magnezu                                                        | 1                           |      | 1                          |      | 2                                 |      |            |      | 1                                      |      |                 |      | 1       | 1    | 1          | 1    |
| Azotan miedzi                                                         |                             |      |                            |      | x                                 |      |            |      | 1                                      |      |                 |      | 1       | 1    | 1          | 1    |
| Azotan niklu                                                          | 1                           |      | 1                          |      | 2                                 |      |            |      | 1                                      |      |                 |      | 1       | 1    | 1          | 1    |
| Azotan potasu                                                         | 1                           |      | 1                          |      | 1                                 |      |            |      | 1                                      |      |                 |      | 1       | 1    | 1          | 1    |
| Azotan sodu                                                           | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | x    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Azotan srebra                                                         | 1                           |      | 1                          |      | 1                                 |      |            |      | 1                                      |      | 1               |      | 1       | 1    | 1          | 1    |
| Azotyn sodu                                                           |                             |      |                            |      | 1                                 |      |            |      | 1                                      |      | 2               |      | 1       | 1    | 1          | 1    |
| Barwniki anilinowe                                                    | 1                           | 1    | 1                          | 1    | x                                 | x    | 2          | x    | x                                      | x    |                 |      | 2       | 2    | 1          | 1    |
| Benzen                                                                | x                           | x    | x                          | x    | x                                 | x    |            |      | 2                                      | x    | 1               | 1    | x       | x    | 1          | 1    |
| Benzyna                                                               | x                           | x    | x                          | x    | 1                                 | 2    | 1          | 2    | 2                                      | x    | 1               | 1    | 2       | 2    | 1          | 1    |
| Benzyna bezołowiowa                                                   | x                           | x    | 2                          | x    | 1                                 | 2    | 1          | 2    | 1                                      | 2    | 1               | 1    |         |      | 1          | 1    |
| Bezwodnik kwasu siarkowego (IV) suchy                                 | 1                           | 1    | 1                          | 1    | 2                                 | x    |            |      | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Bezwodnik kwasu siarkowego (VI) suchy                                 |                             |      |                            |      | 2                                 | x    | x          | x    | 2                                      | 2    |                 |      | 2       | 2    | 1          | 1    |
| Bezwodnik octowy                                                      | x                           | x    | x                          | x    | x                                 | x    |            |      | 2                                      | x    | 2               | x    | 1       | 1    | 1          | 1    |
| Biodiesel                                                             | x                           | x    |                            |      | 1                                 |      |            |      | 1                                      |      | 1               |      |         |      |            |      |
| Bitum                                                                 | x                           | x    | x                          | x    |                                   |      |            |      |                                        |      | 1               |      |         |      | 1          | 1    |
| Boraks                                                                | 1                           | 2    | 1                          |      | 1                                 | 2    | x          | x    | 1                                      | 1    | x               | x    | 1       | 1    | 1          | 1    |
| Boran potasu                                                          | 1                           |      | 1                          |      | 1                                 |      | 1          | 1    | 1                                      |      |                 |      | 1       | 1    | 1          | 1    |
| Brom                                                                  | x                           | x    | x                          | x    | x                                 | x    | 2          | x    | x                                      | x    | x               | x    | x       | x    | 1          | 1    |
| Bromek metylu                                                         | x                           | x    | x                          | x    |                                   |      |            |      | x                                      | x    |                 |      |         |      | 1          | 1    |
| Bromek potasu                                                         | 1                           |      | 1                          |      | 1                                 |      | 1          | 1    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Bromobenzen                                                           | x                           | x    | x                          | x    |                                   |      | x          | x    | x                                      | x    |                 |      | x       | x    | 1          | 1    |
| Butan                                                                 |                             |      | 1                          | 2    | 1                                 | 1    | x          | x    | 1                                      | 1    | 1               |      | 2       | 2    | 1          | 1    |
| Chlor suchy                                                           | x                           | x    | x                          | x    | x                                 | x    | x          | x    | 2                                      | x    | x               | x    | x       | x    | 1          | 1    |
| Chlor wilgotny                                                        | x                           | x    | x                          | x    | x                                 | x    | x          | x    | x                                      | x    | x               | x    | x       | x    | 1          | 1    |
| Chloran potasu                                                        | 1                           |      | 1                          |      | 2                                 |      |            |      | 1                                      | 1    | x               |      | 2       | 2    | 1          | 1    |
| Chloran sodu                                                          | 1                           |      | 1                          |      | 2                                 |      | x          | x    | 1                                      | 1    | x               | x    | 1       | 1    | 1          | 1    |
| Chloran wapnia                                                        | 1                           |      | 1                          |      | 1                                 |      |            |      | 1                                      |      |                 |      | 1       | 1    | 1          | 1    |
| Chlorek allilu                                                        | x                           | x    | x                          | x    | x                                 |      | 1          | 2    | x                                      | x    |                 |      | 1       | 1    | 1          | 1    |
| Chlorek amonu                                                         | 1                           | 1    | 1                          | 1    | 1                                 | 2    |            |      | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Chlorek antymonu 50%                                                  | 1                           |      | 1                          |      | 2                                 |      | 2          | 2    | 1                                      |      |                 |      | x       | x    | 1          | 1    |
| Chlorek benzylu                                                       | x                           | x    | x                          | x    | x                                 | x    | 1          | 2    | x                                      | x    |                 |      |         |      | 1          | 1    |
| Chlorek cynku                                                         | x                           | x    | x                          | x    | x                                 | x    |            |      | 1                                      | 1    |                 |      | x       | x    | 1          | 1    |
| Chlorek cyny                                                          | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               |      | 1       | 1    | 1          | 1    |
| Chlorek etylenu                                                       | x                           | x    | x                          | x    | x                                 | x    |            |      | x                                      | x    |                 |      | x       | x    | 1          | 1    |
| Chlorek etylu                                                         | 1                           | 1    | 1                          | 1    | 1                                 | 2    | x          | x    | 1                                      | 1    |                 |      | x       | x    | 1          | 1    |
| Chlorek glinu                                                         | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 1    | x       | x    | 1          | 1    |
| Chlorek magnezu                                                       | 1                           |      | 1                          |      | x                                 |      | 1          | 2    | 1                                      | 1    | 1               |      | 1       | 1    | 1          | 1    |
| Chlorek metylu                                                        | 1                           | 1    | 1                          | 1    | 1                                 | 2    |            |      | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Chlorek miedzi                                                        | 1                           | 1    | 1                          | 1    | 1                                 | 2    |            |      | 1                                      | 1    | 2               | 2    | 1       | 1    | 1          | 1    |
| Chlorek niklu                                                         | x                           | x    | x                          | x    | x                                 | x    | x          | x    | x                                      | x    | 1               |      | x       | x    | 1          | 1    |
| Chlorek potasu                                                        | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Chlorek rtęci                                                         | x                           | x    | x                          | x    | 1                                 | 2    | 1          | 2    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Chlorek siarki                                                        | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Chlorek sodu                                                          | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Chlorek wapnia                                                        | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| Chlorek winylu (monomer)                                              | x                           | x    | x                          | x    | 1                                 | 2    | 2          | 2    | x                                      | x    |                 |      | x       | x    | 1          | 1    |
| Chlorek żelaza (III)                                                  | 1                           | 1    | 1                          | 1    | 1                                 | 2    | 2          | 2    | 1                                      | 1    | 1               |      | 1       | 1    | 1          | 1    |

# Tabela odporności chemicznej

Odporność chemiczna:

1 = Dobra

2 = Ograniczona

X = Niezgodna

|                                | 20°C | 50°C | 20°C | 50°C | 20°C | 50°C | 20°C | 50°C | 20°C | 50°C | 20°C | 50°C | 20°C | 50°C | 20°C | 50°C |
|--------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Chlorek żelazawy (żelaza II)   | x    | x    | x    | x    | x    | x    | 1    | 2    | x    | x    | 2    | 2    | x    | x    | 1    | 1    |
| Chlorobenzen                   | x    | x    | x    | x    | x    | x    | x    | x    | 2    | 2    | 2    | x    | 2    | 2    | 1    | 1    |
| Chloroform                     | x    | x    | x    | x    | x    | x    |      |      | x    | x    | x    | x    | x    | x    | 1    | 1    |
| Chlorohydryna glikolu          |      |      |      |      |      |      | 2    | x    | 1    | 1    | x    | x    |      |      | 1    | 1    |
| Cyjanek miedzi                 |      |      |      |      | 2    |      |      |      | 1    | 1    |      |      | 1    | 1    | 1    | 1    |
| Cyjanek potasu                 | x    | x    | x    | x    | x    | x    | 1    | 2    | 1    | 1    |      |      | 1    | 1    | 1    | 1    |
| Cyjanek sodu                   | 1    | 2    | 1    | 2    | x    | x    | 1    | 2    | 1    | 1    |      |      | 1    | 1    | 1    | 1    |
| Cyjanowodór                    |      |      |      |      | 2    | x    | 1    | x    | 1    | 1    |      |      |      |      | 1    | 1    |
| Cykloheksan                    | 1    | 1    | 1    | 1    | 2    | x    | 1    | x    | 1    | 1    | 1    | 2    | x    | x    | 1    | 1    |
| Cykloheksanol                  | x    | x    | x    | x    | x    | x    | x    | x    | 1    | 1    | 1    | x    |      |      | 1    | 1    |
| Cykloheksanon                  | x    | x    | x    | x    | x    | x    | x    | x    | 2    | 2    | 1    | x    | 2    | 2    | 1    | 1    |
| Czterochlorek etylenu          | x    | x    | x    | x    | 2    | x    | x    | x    | x    | x    | 1    | x    | x    | x    | 1    | 1    |
| Czysty kwas octowy (lodowaty)  | x    | x    | 2    | x    | x    | x    | x    | x    | x    | x    | x    | x    |      |      | 1    | 1    |
| Dekalina                       |      |      |      |      |      |      | 1    | 2    | 2    | x    |      |      |      |      | 1    | 1    |
| Detergenty bisiarczynowe       |      |      |      |      |      |      | 1    | x    |      |      |      |      |      |      |      |      |
| Dichloroetan                   | x    | x    | x    | x    | x    | x    | x    | x    | x    | x    |      |      | x    | x    | 1    | 1    |
| Dichromian potasu              |      |      |      |      | 2    |      |      |      | 1    | 1    |      |      | 1    | 1    | 1    | 1    |
| Difenył                        |      |      |      |      |      |      | 1    | 2    | 1    | 1    | 1    |      |      |      | 1    | 1    |
| Dimetyloamina                  | x    | x    | x    | x    |      |      | x    | x    | 2    | 2    |      |      |      |      | 1    | 1    |
| Dimetyloformamid               | x    | x    | x    | x    | x    | x    | x    | x    | 1    | 2    | 2    |      |      |      | 1    | 1    |
| Dioksan                        | x    | x    | x    | x    |      |      | 1    | 2    | 2    | 2    | 1    | 2    | 1    | 1    | 1    | 1    |
| Dwuaceton                      | x    | x    | x    | x    | x    | x    | x    | x    | x    | x    |      |      |      |      | 1    | 1    |
| Dwuetyloamina                  | x    | x    | x    | x    |      |      | x    | x    |      |      |      |      | 1    | 1    | 1    | 1    |
| Dwusiarczek węgla              |      |      |      |      | x    | x    | x    | x    | 2    | 2    |      |      | x    | x    | 1    | 1    |
| Dwusiarczek węgla              | x    | x    | x    | x    | 2    | x    | x    | x    | x    | x    | 1    | x    | 2    | 2    | 1    | 1    |
| Dwutlenek siarki (gaz)         | 1    |      | 1    |      | x    | x    |      |      | 1    | 1    | 2    |      | 2    | 2    | 1    | 1    |
| Dwutlenek węgla (suchy)        | 1    | 1    | 1    | 1    | 1    |      | 1    |      | 1    | 2    | 1    |      | 1    | 1    | 1    | 1    |
| Dwutlenek węgla (wilgotny)     | 1    | 2    | 1    | 2    | 2    | x    |      |      | 1    |      | 1    | x    | 1    | 1    | 1    | 1    |
| E85                            | x    | x    | x    | x    | 1    | 1    | 1    | 2    | x    | x    | 1    | x    | x    | x    | 1    | 1    |
| Esencja terpentyny             | x    | x    | 1    | 2    | 2    | x    | 2    | x    | 2    | x    | 1    | 1    | x    | x    | 1    | 1    |
| Etanoloamina                   | x    | x    | x    | x    | 2    |      | x    | x    | 1    |      | 1    |      |      |      | 1    |      |
| Eter butylowy                  | 1    |      | 1    |      | x    |      |      |      | 1    |      |      |      | x    | x    | 1    | 1    |
| Eter dietylowy                 | x    | x    | x    | x    | 2    |      |      |      | x    | x    |      |      | x    | x    | 1    | 1    |
| Eter etylowy                   | x    | x    | x    | x    | 2    | x    | 1    | x    | x    | x    |      |      | x    | x    | 1    | 1    |
| Eter izopropylowy              | x    | x    | x    | x    | 2    | x    | 2    | x    | x    | x    |      |      |      |      | 1    | 1    |
| Etylen                         |      |      |      |      | 1    | 1    | 1    | 2    |      |      |      |      |      |      | 1    | 1    |
| Etylenodiamina                 |      |      |      |      |      |      | x    | x    | 1    | 1    |      |      | 1    | 1    | 1    | 1    |
| Etylmerkaptan                  | x    | x    |      |      |      |      | 1    | 2    | x    | x    |      |      |      |      | 1    | 1    |
| Etylobenzen                    | x    | x    | x    | x    | x    | x    | x    | x    | 2    | 2    |      |      |      |      | 1    | 1    |
| Etyloceluloza                  |      |      |      |      |      |      | 2    | x    |      |      |      |      | 2    | 2    | 1    | 1    |
| Fenol                          | x    | x    | x    | x    | x    | x    | x    | x    | 2    | 2    | 2    | x    | 1    | 1    | 1    | 1    |
| Fenylohydrazyna                | x    | x    | x    | x    |      |      | 1    | 2    | x    | x    |      |      |      |      | 1    | 1    |
| Fluor                          | x    | x    | x    | x    | x    | x    | x    | x    | 1    | 1    | x    | x    | x    | x    | 1    | 1    |
| Fluorek glinu                  | 1    |      | 1    |      | x    | x    | 1    | 2    | 1    | 1    |      |      | 1    | 1    | 1    | 1    |
| Fluorek sodu                   | 1    |      | 1    |      | 2    |      |      |      | 1    |      |      |      | 2    | 2    | 1    | 1    |
| Fluoroglinian sodu 10%         | 1    |      | 1    |      | 2    |      |      |      | 1    |      |      |      | 2    | 2    | 1    | 1    |
| Formaldehyd 40%                | 2    | x    | 2    | x    | 2    |      | 2    | x    | 1    | 1    |      |      | 1    | 1    | 1    | 1    |
| Fosforan amonu                 | 1    | 1    | 1    | 1    | 1    |      | 2    | x    | 1    | 1    |      |      | 1    | 1    | 1    | 1    |
| Fosforan sodu                  | 1    | 1    | 1    | 1    | 2    |      | 1    | x    | 1    | 1    | 1    |      | 1    | 1    | 1    | 1    |
| Fosforan trójkrezylu           |      |      |      |      | 2    |      | 2    | x    | 1    | 1    |      |      |      |      |      |      |
| Freon 11, 113, 114, 12, 21, 22 | x    | x    | x    | x    | x    | x    | 1    | x    | 2    | 2    | 1    | 2    |      |      |      |      |
| Ftalan dibutyłu                | x    | x    | x    | x    | x    | x    |      |      | x    | x    |      |      | 2    | 2    | 1    | 1    |
| Furan                          |      |      |      |      |      |      | 1    | 2    |      |      |      |      | 2    | 2    | 1    | 1    |
| Furfural                       | 1    | 1    | 1    | 1    | x    | x    | 1    | 2    | x    | x    |      |      |      |      | 1    | 1    |
| Gaz ziemny                     | 1    | 1    | 1    | 1    | 1    |      | 1    | 1    | 1    |      |      |      |      |      | 1    | 1    |
| Gliceryna                      | x    | x    | x    | x    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 2    | 1    | 1    | 1    | 1    |
| Glikol butylowy                | x    | x    | x    | x    | x    | x    |      |      | 1    |      |      |      | 2    | 2    | 1    | 1    |
| Glikol dietylowy               | 1    |      | 1    |      | 2    | 2    | 1    | 2    | 1    | 1    | 2    |      | 1    | 1    | 1    | 1    |
| Glikol etylenowy               | 2    | x    | 2    | x    | 2    | x    | 1    | 2    | 1    | x    | 2    |      | 1    | 1    | 1    | 1    |
| Glikol etylenowy 30%           | 1    | 2    | 1    | 2    | 2    | x    | 1    | 2    | 1    | 1    | 1    |      | 1    | 1    | 1    | 1    |
| Glukoza                        | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    | 1    |      | 1    | 1    | 1    | 1    |
| Halogenowane węglowodory       | x    | x    |      |      | x    |      | 2    |      |      |      | 2    |      |      |      |      |      |
| Heksan                         | x    | x    | 1    | 2    | 2    | x    | 1    | x    | 1    | 1    | 1    | 2    | x    | x    | 1    | 1    |
| Hydrazyna                      | x    | x    | x    | x    |      |      | x    | x    | 1    | 1    |      |      | 1    | 1    | 1    | 1    |
| Hydrochinon                    | 1    |      | 1    |      |      |      | 1    | 1    | 1    | 1    |      |      |      |      | 1    | 1    |
| Izooktan                       | x    | x    | 1    | 2    | 1    | 1    | x    | x    | 2    | x    | 1    |      |      |      | 1    | 1    |
| Krezole                        | x    | x    | x    | x    | x    | x    | x    | x    | 2    | x    | x    | x    | 2    | 2    | 1    | 1    |
| Krzemian sodu                  | 1    | 1    | 1    | 1    | 2    | x    | 1    | 2    | 1    | 1    | 1    |      | 1    | 1    | 1    | 1    |
| Ksilen                         | x    | x    | x    | x    | x    | x    | 2    | x    | 1    | x    | 1    | 2    | 2    | 2    | 1    | 1    |
| Kwas arsenowy                  | 1    |      | 1    |      | x    | x    |      |      | 1    |      |      |      | 2    | 2    | 1    | 1    |
| Kwas azotowy 25%               | 1    | x    | 1    |      | x    | x    | 2    |      | 1    | 1    | x    | x    | x    | x    | 1    | 1    |
| Kwas azotowy 40%               | 2    | x    | 2    |      | x    | x    | 2    |      | 1    | 2    | x    | x    | x    | x    | 1    | 1    |
| Kwas azotowy 60%               | x    | x    | x    |      | x    | x    | x    | x    | 2    | 2    | x    | x    | x    | x    | 1    | 1    |
| Kwas borowy 10%                | 1    | 1    | 1    | 1    | 2    | x    | 1    | x    | 1    | 1    | 1    | x    | 2    | 2    | 1    | 1    |
| Kwas borowy fluorowany 65%     | 1    |      | 1    |      | x    | x    |      |      | 1    |      |      |      | 1    | 1    | 1    | 1    |
| Kwas bromowodorowy 10%         | 1    | 1    | 1    | 1    | x    | x    | x    | x    | 1    | 1    |      |      | x    | x    | 1    | 1    |



# Tabela odporności chemicznej

Odporność chemiczna:

1 = Dobra

2 = Ograniczona

X = Niezgodna

Paliwo, olej napędowy, olej opałowy

Paradichlorobenzen

Paraformaldehyd

Pentan

Pirydyna

Podchloryn sodu 15%

Podchloryn sodu 30%

Podchloryn wapnia 15%

Podsiarczyny sodu

Propan

Propylen

Roztwór potasu 10%

Roztwór sodu 10%

Roztwór sodu 10%

Rtęć

Sebacynian oktylu

Siarczan amonu

Siarczan cynku

Siarczan glinu

Siarczan magnezu

Siarczan manganu

Siarczan miedzi

Siarczan niklu

Siarczan potasu

Siarczan sodu

Siarczan żelaza

Siarczan żelaza

Siarczek potasu

Siarczek sodu

Siarczek wapnia

Siarkowodór

Smar

Smola węglowa

Stearnian butylu

Stężona soda

Stężona soda

Stężony kwas solny

Stężony potas

Styren

Tetrachlorometan

Tetrahydrofuran

Tetralina

Tiocyanian amonu

Tiosiarczan sodu

Tlenek magnezowy

Tlenek propylenu

Tlenek węgla

Toluen

Trichloroetan

Trichloroetylen

Trietanolamina

Trójtlenek siarki

Wapno (mleko wapienne)

Węglan baru

Węglan magnezu

Węglan potasu

Węglan sodu

Węglan wapnia

White spirit

Woda amoniakalna

Woda chlorowana

Woda morska

Woda utleniona 10%

Woda utleniona 30%

Wodór

Wodorosiarczany sodu

Wodorotlenek amonowy

Wodorotlenek glinu

Wodorotlenek magnezu

Wodorotlenek potasu

Wodorotlenek wapnia

Wodorowęglan potasu

Wodorowęglan sodu

Wodorsiarczyny wapnia

Wybielacz handlowy

Żelatyna

| A                           |      | B                          |      | C                                 |      | D          |      | E                                      |      | F               |      | G       |      | H          |      |
|-----------------------------|------|----------------------------|------|-----------------------------------|------|------------|------|----------------------------------------|------|-----------------|------|---------|------|------------|------|
| PVC                         |      |                            |      | Poliuretan                        |      | Poliester  |      | Polietilena                            |      | Polyamide 6-12  |      | Silicon |      | PTFE       |      |
| Standard si<br>TRICOCCLAIR® |      | Formula special<br>chimica |      | TECHNOBEL® PU,<br>Tube PU calibré |      | TECHNOBEL® |      | Profiline Aqua+<br>Profiline Aqua+Soft |      | Tube PA calibré |      | VITRYL® |      | Tubes PTFE |      |
| 20°C                        | 50°C | 20°C                       | 50°C | 20°C                              | 50°C | 20°C       | 50°C | 20°C                                   | 50°C | 20°C            | 50°C | 20°C    | 50°C | 20°C       | 50°C |
| x                           | x    | 1                          | 2    | 1                                 | 2    | 1          | 2    | 2                                      | x    | 1               | 1    | x       | x    | 1          | 1    |
| x                           | x    | x                          | x    | 1                                 |      | x          |      | x                                      | x    | 2               | x    | x       | x    | 1          | 1    |
|                             |      |                            |      | x                                 | x    |            |      |                                        |      |                 |      | 1       | 1    | 1          | 1    |
| x                           | x    | 1                          | 2    |                                   |      |            |      | x                                      | x    |                 |      | x       | x    | 1          | 1    |
| x                           | x    | x                          | x    | x                                 | x    | x          | x    | 2                                      | x    | 1               | x    | 2       | 2    | 1          | 1    |
| 1                           | x    | 1                          | x    | 2                                 | x    | x          | x    | 1                                      |      | x               | x    | 2       | 2    | 1          | 1    |
| 1                           |      | 1                          |      | x                                 | x    | x          | x    | 1                                      |      |                 |      | x       | x    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 2                                 | x    | x          | x    | 1                                      | 1    |                 |      | 1       | 1    | 1          | 1    |
| x                           | x    | 1                          | 2    | 1                                 | 1    | 1          | 1    | 1                                      | 1    | 1               | 1    | x       | x    | 1          | 1    |
|                             |      |                            |      |                                   |      | 1          | 1    |                                        |      |                 |      |         |      | 1          | 1    |
| 1                           | x    | 1                          | x    | 2                                 | x    | x          | x    | 1                                      | 1    | 1               | 1    |         |      | 1          | 1    |
| 1                           | x    | 1                          | x    | 2                                 | x    | x          | x    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | x    | 1                          | x    |                                   |      | 1          | x    |                                        |      |                 |      |         |      | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    |                 |      |         |      | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2    | 1          | 2    | 1                                      | 1    | 1               | 2    | 1       | 1    | 1          | 1    |
| 1                           | 1    | 1                          | 1    | 1                                 | 2</  |            |      |                                        |      |                 |      |         |      |            |      |