



Artikelnr P1200143

| Egenskap                                      | VÄrde              | Enhet               | Standard    |
|-----------------------------------------------|--------------------|---------------------|-------------|
| Tiäys                                         | 1.2                | g/cm³               | ISO 1183    |
| Venymisrajan jännitys                         | 75                 | MPa                 | ISO 527     |
| Joustavuusmoduli (vetolujuus)                 | 2400               | MPa                 | ISO 527-2   |
| Murtolujuus                                   | 60                 | MPa                 |             |
| Murtovenymä                                   | 50                 | %                   | ISO 527-2   |
| Sulamispiste                                  | 160                | °C                  | ISO 3146    |
| Maksimaalinen käyttölämpötila (lyhytaikainen) | 119                | °C                  | UL746B      |
| Maksimi käyttölämpötila                       | 113.75             | °C                  |             |
| Alin lämpötila                                | -54                | °C                  | UL746B      |
| Lämpökäyrä (HDT/A)                            | 130                | °C                  | ISO 75-2    |
| Lämpökäyrä (HDT/B)                            | 140                | °C                  | ISO 75      |
| Vicat-pehmenemislämpötila (VST/B/50)          | 150                | °C                  | ISO 306     |
| Dielektrinen voimakkuus                       | 29                 | kV/mm               | IEC 60243-1 |
| Tilavuusresistanssi                           | 10 <sup>13</sup>   | Ω·cm                | IEC 60093   |
| Dielektrinen vakio (1 MHz)                    | 2.98               | -                   | IEC 60250   |
| Dielektrinen vakio (100 Hz)                   | 3                  | -                   | IEC 60250   |
| Dielektrinen hajoamiskerroin (1 MHz)          | 0.0                | -                   | IEC 60250   |
| Dielektrinen hajoamiskerroin (100 Hz)         | 0.0                | -                   | IEC 60250   |
| Paloaluokitus (UL 94)                         | 0                  |                     | UL 94       |
| Taivutuslujuus                                | 2400               | MPa                 | ISO 178     |
| Lämmönjohtavuus                               | 0.21               | W/(m·K)             | DIN 52612   |
| Pintaresistanssi                              | 10 <sup>11</sup> Ω | Ω                   | IEC 60093   |
| Vertailukulkemisindeksi (CTI)                 | 279.2              | V                   | IEC 60112   |
| Imeytymisen maksimointi                       | 0.15               | %                   | ISO 62      |
| Vesihaku kyllästymiseen                       | 0.35               | %                   | ISO 62      |
| Särkyäkesto (Charpy)                          | 9                  | kJ/m²               | ISO 179/1eA |
| Lämpölaajenemiskerroin                        | 0.65               | 10 <sup>-6</sup> /K | DIN 11359   |

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|---------------------|-------|-----------|------------|
| Kovuus Shore D      | 85    |   Shore D | ISO 868    |
| Kulmapaineen kovuus | 120   | MPa       | ISO 2039-1 |

2. Kemisk best ndighet

● Best ndig ● Delvis best ndig ● Ej best ndig

| Kemikalie                             | Konc.   | Resultat |
|---------------------------------------|---------|----------|
| 1,4-Dioxane                           | 100%    | ●        |
| 2-Hydroxypropionic acid (lactic acid) | 90%     | ●        |
| Acetic acid                           | 100%    | ●        |
| Acetone                               | 100%    | ●        |
| Ammonia                               | conc.   | ●        |
| Ammonium chloride                     |         | ●        |
| Apple juice                           |         | ●        |
| Benzene                               |         | ●        |
| Bleaching solution                    | 12.5 cl | ●        |
| Boric acid                            | 100%    | ●        |
| Butyl acetate                         |         | ●        |
| Calcium chloride                      |         | ●        |
| Carbon disulphide                     | 100%    | ●        |
| Carbon tetrachloride                  |         | ●        |
| Chlorine (gas)                        | 100%    | ●        |
| Chlorobenzene                         | 100%    | ●        |
| Chloroform                            |         | ●        |
| Citric acid                           | 10%     | ●        |
| Cresol                                |         | ●        |
| Cyclohexanone                         | 100%    | ●        |
| Cyclohexene                           | 100%    | ●        |
| Diesel                                |         | ●        |
| Diethylene oxide                      |         | ●        |
| Ethyl acetate                         | 100%    | ●        |
| Ethyl alcohol (ethanol)               | 96%     | ●        |
| Ethylene chloride                     | 100%    | ●        |
| Food oil                              |         | ●        |
| Formaldehyde, aqueous                 | 40%     | ●        |

| Kemikalie                        | Konc.       | Resultat |
|----------------------------------|-------------|----------|
|                                  |             |          |
| Formic acid                      | 10%         | ●        |
| Frost protection agent           | â€”         | ●        |
| Fuel oil                         | â€”         | ●        |
| Fuel, aromatic free              | â€”         | ●        |
| Glycerine                        | 100%        | ●        |
| Glycol                           | 100%        | ●        |
| Heptane                          | 100%        | ●        |
| Hydrochloric acid                | 10%         | ●        |
| Hydrochloric acid (concentrated) | conc.       | ●        |
| Hydrofluoric acid                | 40%         | ●        |
| Hydrogen peroxide                | 10%         | ●        |
| Hydrogen sulfide, aqueous        | â€”         | ●        |
| Isopropyl alcohol                | 100%        | ●        |
| Linseed oil                      | â€”         | ●        |
| Mercurochrome                    | â€”         | ●        |
| Methyl alcohol (methanol)        | 100%        | ●        |
| Methyl ethyl ketone (MEK)        | 100%        | ●        |
| Methylene chloride               | 100%        | ●        |
| Milk                             | â€”         | ●        |
| Nitric acid (10%)                | 10%         | ●        |
| Nitric acid (50%)                | 50%         | ●        |
| Nitrobenzene                     | â€”         | ●        |
| Oxalic acid                      | â€”         | ●        |
| Ozone (gas)                      | â‰‰ 0.5 ppm | ●        |
| Paraffin oil                     | 100%        | ●        |
| Perchloroethylene                | â€”         | ●        |
| Petroleum                        | 100%        | ●        |
| Petroleum ether                  | 100%        | ●        |
| Phenol, aqueous                  | ca. 9%      | ●        |
| Phosphoric acid                  | 50%         | ●        |
| Potassium hydroxide solution     | 50%         | ●        |
| Premium fuel                     | â€”         | ●        |
| Propyl alcohol                   | â€”         | ●        |
| Pyridine                         | â€”         | ●        |

| Kemikalie                       | Konc. | Resultat |
|---------------------------------|-------|----------|
| Silicone oil                    | â€”   | ●        |
| Sodium carbonate, aqueous       | â€”   | ●        |
| Sodium chloride, aqueous        | â€”   | ●        |
| Sodium hydrogen sulfite         | â€”   | ●        |
| Sodium hydroxide solution (15%) | 15%   | ●        |
| Sodium hydroxide solution (60%) | 60%   | ●        |
| Sodium nitrate, aqueous         | â€”   | ●        |
| Sulphuric acid                  | 96%   | ●        |
| Tetrahydrofuran (THF)           | 100%  | ●        |
| Toluene                         | 100%  | ●        |
| Trichloroethylene               | 100%  | ●        |
| Vinegar, standard               | 5-10% | ●        |
| Water                           | â€”   | ●        |
| Xylene                          | â€”   | ●        |