



## Artikelnr P2202723

| Egenskap                                   | Värde   | Enhet     | Standard           |
|--------------------------------------------|---------|-----------|--------------------|
| Density                                    | 1.65    | g/cm³     | DIN EN ISO 1183-1  |
| Tensile Strength                           | 30.8    | MPa       | DIN EN ISO 527     |
| Modulus of elasticity (tensile)            | 1640    | MPa       | DIN EN ISO 527     |
| Break Elongation                           | 50      | %         | DIN EN ISO 527     |
| Maximal operating temperature (short-term) | 156     | °C        |                    |
| Maximum Operating Temperature              | 150     | °C        |                    |
| Minimum temperature                        | -40     | °C        |                    |
| Vicat softening temperature (VST/B/50)     | 118     | °C        | DIN EN ISO 306     |
| Dielectric Strength                        | 23      | kV/mm     | DIN IEC 60243-1    |
| Thermal Conductivity                       | 0.15    | W/(m·K)   | DIN 52612-1        |
| Surface Resistivity                        | ~10¹¹ Ω | Ω         | DIN EN 61340       |
| Notched impact strength (Charpy)           | 100     | kJ/m²     | DIN EN ISO 179-1eA |
| Thermal Expansion Coefficient              | 1       | 10⁻⁶ /K   | ISO 11359-2        |
| Hardness Shore D                           | 72.25   | ° Shore D | DIN EN ISO 868     |
| Ball pressure hardness                     | 56      | MPa       | DIN EN ISO 2039-1  |

● Beständigt    ● Delvis beständigt    ● Ej beständigt

| Kemikalie               | Konc. | Resultat               |
|-------------------------|-------|------------------------|
| 1,4-Dioxane             | 100   | <div><div></div></div> |
| 2-Hydroxypropionic Acid | 90    | <div><div></div></div> |
| Acetic Acid             | 100   | <div><div></div></div> |
| Acetone                 | 100   | <div><div></div></div> |
| Ammonia                 | â€”   | <div><div></div></div> |
| Ammonium Chloride       | â€”   | <div><div></div></div> |
| Amyl Alcohol            | â€”   | <div><div></div></div> |

| Kemikalie                        | Konc. | Resultat |
|----------------------------------|-------|----------|
| Apple Juice                      | â€”   | ●        |
| Benzene                          | â€”   | ●        |
| Bleaching Solution               | â€”   | ●        |
| Boric Acid                       | 100   | ●        |
| Brake Fluid                      | â€”   | ●        |
| Butyl Acetate                    | â€”   | ●        |
| Calcium Chloride                 | â€”   | ●        |
| Carbon Disulfide                 | 100   | ●        |
| Carbon Tetrachloride             | â€”   | ●        |
| Chlorine (gas)                   | 100   | ●        |
| Chlorobenzene                    | 100   | ●        |
| Chloroform                       | â€”   | ●        |
| Citric Acid                      | 10    | ●        |
| Cresol                           | â€”   | ●        |
| Cyclohexanone                    | 100   | ●        |
| Cyclohexene                      | 100   | ●        |
| Diesel Fuel                      | â€”   | ●        |
| Diethylene Oxide                 | â€”   | ●        |
| Ethyl Acetate                    | 100   | ●        |
| Ethyl Alcohol                    | 96    | ●        |
| Ethylene Chloride                | 100   | ●        |
| Food Oil                         | â€”   | ●        |
| Formaldehyde (aqueous)           | 40    | ●        |
| Formic Acid                      | 10    | ●        |
| Frost Protection Agent           | â€”   | ●        |
| Fuel, aromatic free              | â€”   | ●        |
| Glycerine                        | 100   | ●        |
| Glycol                           | 100   | ●        |
| Heating Oil                      | â€”   | ●        |
| Heptane                          | 100   | ●        |
| Hydrochloric Acid                | 10    | ●        |
| Hydrochloric Acid (concentrated) | â€”   | ●        |
| Hydrofluoric Acid                | 40    | ●        |
| Hydrogen Peroxide                | 10    | ●        |

| Kemikalie                    | Konc.       | Resultat |
|------------------------------|-------------|----------|
| Hydrogen Sulfide (aqueous)   | â€”         | ●        |
| Isopropyl Alcohol            | 100         | ●        |
| Linseed Oil                  | â€”         | ●        |
| Mercurochrome                | â€”         | ●        |
| Methyl Alcohol               | 100         | ●        |
| Methyl Ethyl Ketone (MEK)    | 100         | ●        |
| Methylene Chloride           | 100         | ●        |
| Milk                         | â€”         | ●        |
| Mineral Oils (aromatic free) | â€”         | ●        |
| Nitric Acid                  | 10          | ●        |
| Nitric Acid (50%)            | 50          | ●        |
| Nitrobenzene                 | â€”         | ●        |
| Oxalic Acid                  | â€”         | ●        |
| Ozone Gas                    | â‰¥ 0.5 ppm | ●        |
| Paraffine Oil                | 100         | ●        |
| Perchloroethylene            | â€”         | ●        |
| Petroleum                    | 100         | ●        |
| Petroleum Ether              | 100         | ●        |
| Phenol (aqueous)             | ca. 9       | ●        |
| Phosphoric Acid              | 50          | ●        |
| Potassium Hydroxide liquor   | 50          | ●        |
| Premium Fuel                 | â€”         | ●        |
| Propyl Alcohol               | â€”         | ●        |
| Pyridine                     | â€”         | ●        |
| Silicone Oil                 | â€”         | ●        |
| Sodium Carbonate (aqueous)   | â€”         | ●        |
| Sodium Chloride (aqueous)    | â€”         | ●        |
| Sodium Hydrogen Sulfite      | â€”         | ●        |
| Sodium Hydroxide liquor      | 15          | ●        |
| Sodium Hydroxide liquor (60) | 60          | ●        |
| Sodium Nitrate (aqueous)     | â€”         | ●        |
| Sodium Thiosulfate           | â€”         | ●        |
| Sulfuric Acid                | 96          | ●        |
| Tetrahydrofuran (THF)        | 100         | ●        |

| Kemikalie          | Konc.  | Resultat |
|--------------------|--------|----------|
| Toluene            | 100    | ●        |
| Transformer Oil    | â€”    | ●        |
| Trichloroethylene  | 100    | ●        |
| Vinegar (standard) | 5 - 10 | ●        |
| Water              | â€”    | ●        |
| Xylene             | â€”    | ●        |