



Artikelnr P1200239

| Egenskap                                      | Värde   | Enhet   | Standard           |
|-----------------------------------------------|---------|---------|--------------------|
| Densidad                                      | 0.95    | g/cm³   | ISO 1183           |
| Límite de resistencia a la tracción           | 17      | MPa     | ISO 527            |
| Módulo de elasticidad (tracción)              | 800     | MPa     | DIN EN ISO 527-1/2 |
| Resistencia a la tensión                      | 40      | MPa     | ISO 527            |
| Deformación a la rotura                       | 200     | %       | ISO 527            |
| Punto de fusión                               | 135     | °C      | ISO 3146           |
| Temperatura de servicio máxima (corto plazo)  | 100     | °C      |                    |
| Temperatura de funcionamiento máxima          | 64      | °C      |                    |
| Temperatura mínima                            | -214    | °C      | UL746B             |
| Deformación térmica (HDT/A)                   | 42      | °C      | ISO 75             |
| Deformación térmica (HDT/B)                   | 65      | °C      | ISO 75             |
| Temperatura de ablandamiento Vicat (VST/B/50) | 79      | °C      | DIN EN ISO 306     |
| Fuerza dieléctrica                            | 45      | kV/mm   | IEC 60243-1        |
| Resistividad volumétrica                      | 1       | Ω·m     | IEC 60093          |
| Constante dieléctrica (1 MHz)                 | 2.3     | -       | IEC 60250          |
| Constante dieléctrica (100 Hz)                | 2.55    | -       | IEC 60250          |
| Factor de pérdida dieléctrica (1 MHz)         | 0.0     | -       | IEC 60250          |
| Factor de pérdida dieléctrica (100 Hz)        | 0.0     | -       | IEC 60250          |
| Clasificación de resistencia al fuego (UL 94) | 3       |         | UL 94              |
| Resistencia a la flexión                      | 17      | MPa     | ISO 527-2          |
| Conductividad térmica                         | 0.4     | W/(m·K) | DIN 52612          |
| Resistencia superficial                       | 10¹¹ Ω² | Ω       | IEC 60093          |
| Índice de seguimiento comparativo (CTI)       | 600     | V       | IEC 60112          |
| Absorción de agua hasta la saturación         | 0.01    | %       |                    |
| Absorción de agua hasta la saturación         | 0.01    | %       | ISO 62             |
| Resistencia al impacto con entalla (Charpy)   | 80      | kJ/m²   | ISO 11542-2        |

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|-------------------------------------------|-------|------------|--------------------|
| Resistencia al impacto (Charpy)           | 80    | kJ/m       | DIN EN ISO 179-1/2 |
| Coeficiente de expansi  n t rmica         | 2     | 10   /K    | ISO 11359          |
| Dureza Shore D                            | 60    |    Shore D | shore D            |
| Dureza a la presi  n de bala              | 34    | MPa        | ISO 2039-1         |
| Tensi  n de fluencia al 1% de elongaci  n | 24    | MPa        | ISO 178            |

## 2. Kemisk best ndighet

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| Kemikalie                             | Konc. | Resultat |
|---------------------------------------|-------|----------|
| 1,4-Dioxane                           | 100   | ●        |
| 2-Hydroxypropionic acid (lactic acid) | 90    | ●        |
| Acetic acid                           | 100   | ●        |
| Acetone                               | 100   | ●        |
| Ammonia                               |       | ●        |
| Ammonium chloride                     |       | ●        |
| Amyl alcohol                          |       | ●        |
| Benzene                               |       | ●        |
| Boric acid                            | 100   | ●        |
| Brake fluid                           |       | ●        |
| Butyl acetate                         |       | ●        |
| Calcium chloride                      |       | ●        |
| Citric acid                           | 10    | ●        |
| Cresol                                |       | ●        |
| Cyclohexanone                         | 100   | ●        |
| Cyclohexene                           | 100   | ●        |
| Diesel                                |       | ●        |
| Ethyl acetate                         | 100   | ●        |
| Ethyl alcohol (ethanol)               | 96    | ●        |
| Food oil                              |       | ●        |
| Formaldehyde, aqueous                 | 40    | ●        |
| Formic acid                           | 10    | ●        |
| Frost protection agent                |       | ●        |
| Fuel oil                              |       | ●        |
| Fuel, aromatic free                   |       | ●        |
| Glycerine                             | 100   | ●        |

| Kemikalie                                | Konc.       | Resultat |
|------------------------------------------|-------------|----------|
| Glycol                                   | 100         | ●        |
| Heptane                                  | 100         | ●        |
| Hydrochloric acid                        | 10          | ●        |
| Hydrochloric acid (concentrated)         | â€”         | ●        |
| Hydrogen peroxide                        | 10          | ●        |
| Isopropyl alcohol                        | 100         | ●        |
| Linseed oil                              | â€”         | ●        |
| Mercurochrome                            | â€”         | ●        |
| Methyl alcohol (methanol)                | 100         | ●        |
| Methylene chloride                       | 100         | ●        |
| Milk                                     | â€”         | ●        |
| Mineral oils, aromatic free              | â€”         | ●        |
| Nitric acid                              | 10          | ●        |
| Nitric acid                              | 50          | ●        |
| Nitrobenzene                             | â€”         | ●        |
| Oxalic acid                              | â€”         | ●        |
| Ozone (gas)                              | â‰¥ 0.5 ppm | ●        |
| Paraffin oil                             | 100         | ●        |
| Perchloroethylene                        | â€”         | ●        |
| Petroleum ether                          | 100         | ●        |
| Phenol, aqueous                          | ca. 9       | ●        |
| Phosphoric acid                          | 50          | ●        |
| Potassium hydroxide solution             | 50          | ●        |
| Premium fuel                             | â€”         | ●        |
| Propyl alcohol                           | â€”         | ●        |
| Silicone oil                             | â€”         | ●        |
| Sodium carbonate, aqueous                | â€”         | ●        |
| Sodium chloride, aqueous                 | â€”         | ●        |
| Sodium hydrogen sulfite                  | â€”         | ●        |
| Sodium hydroxide solution (caustic soda) | 60          | ●        |
| Sodium hydroxide solution (caustic soda) | 15          | ●        |
| Sodium nitrate, aqueous                  | â€”         | ●        |
| Sodium thiosulfate                       | â€”         | ●        |
| Sulphuric acid                           | 96          | ●        |

| Kemikalie         | Konc.  | Resultat |
|-------------------|--------|----------|
| Transformer oil   | â€”    | ●        |
| Vinegar, standard | 5 - 10 | ●        |
| Water             | â€”    | ●        |
| Xylene            | â€”    | ●        |