# PVDF 1000x610x35 mm musta

Artikelnr P1010668

## 1. Tekniskt datablad

| Egenskap | VÃ¤rde | Enhet | Standard |
|---|---|---|---|
| Tiheys | 1.78 | g/cmÂ³ | ISO1183 |
| Venymisrajan jÃ¤nnitys | 40 | MPa | ISO 527 |
| Joustavuusmoduli (vetolujuus) | 2200 | MPa | ISO527-2 |
| Murtolujuus | 46 | MPa | ISO 527 |
| MurtovenymÃ¤ | 17 | % | ISO527-2 |
| Sulamispiste | 171 | Â°C | ISO11357 |
| Maksimaalinen kÃ¤yttÃ¶lÃ¤mpÃ¶tila (lyhytaikainen) | 142 | Â°C | UL746B |
| Maksimi kÃ¤yttÃ¶lÃ¤mpÃ¶tila | 130 | Â°C | UL746B |
| Alin lÃ¤mpÃ¶tila | -26 | Â°C | |
| LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/A) | 104 | Â°C | ISO 75 |
| LÃ¤mpÃ¶kÃ¤yrÃ¤ (HDT/B) | 145 | Â°C | ISO 75 |
| Vicat-pehmenemislÃ¤mpÃ¶tila (VST/B/50) | 138 | Â°C | ISO 306 |
| Dielektrinen voimakkuus | 27 | kV/mm | IEC 60243-1 |
| Tilavuusresistanssi | 10Â¹Â³ | Î©Â·cm | IEC 60093 |
| Dielektrinen vakio (1 MHz) | 7.7 | - | IEC 60250 |
| Dielektrinen hajoamiskerroin (1 MHz) | 0.1 | - | IEC 60250 |
| Taivutuslujuus | 62 | MPa | ISO527-2 |
| LÃ¤mmÃ¶njohtavuus | 0.25 | W/(mÂ·K) | DIN22007-4 |
| Pintaresistanssi | 10Â¹â´ | Î© | IEC60093 |
| Vertailukulkemisindeksi (CTI) | 600 | V | IEC 60112 |
| Imeytymisen maksimointi | 0.15 | % | ISO62 |
| Vesihaku kyllÃ¤stymiseen | 0.35 | % | ISO62 |
| SÃ¤rkyÃ¤kesto (Charpy) | 8 | kJ/mÂ² | ISO 179 |
| IskunkestÃ¤vyys (Charpy) | 150 | kJ/mÂ² | ISO179/1eU |
| LÃ¤mpÃ¶laajenemiskerroin | 1.6 | 10â»â´/K | ISO11359 |
| Kovuus Shore D | 80 | Â° Shore D | ISO868 |
| Kulmapaineen kovuus | 120 | MPa | ISO 2039 |

| Egenskap | VÃ¤rde | Enhet | Standard |
|---|---|---|---|

## 2. Kemisk bestÃ¤ndighet

BestÃ¤ndig  Delvis bestÃ¤ndig  Ej bestÃ¤ndig

| Kemikalie | Konc. | Resultat |
|---|---|---|
| 1,4-Dioxane | 100 | |
| 2-Hydroxypropionic acid (lactic acid) | 90 | |
| Acetic acid | 100 | |
| Acetone | 100 | |
| Ammonia | â€” | |
| Ammonium chloride | â€” | |
| Amyl alcohol | â€” | |
| Apple juice | â€” | |
| Benzene | â€” | |
| Bleaching solution | â€” | |
| Boric acid | 100 | |
| Brake fluid | â€” | |
| Butyl acetate | â€” | |
| Calcium chloride | â€” | |
| Carbon disulphide | 100 | |
| Carbon tetrachloride | â€” | |
| Chlorine (gas) | 100 | |
| Chlorobenzene | 100 | |
| Chloroform | â€” | |
| Citric acid | 10 | |
| Cresol | â€” | |
| Cyclohexanone | 100 | |
| Cyclohexene | 100 | |
| Diesel | â€” | |
| Diethylene oxide | â€” | |
| Ethyl acetate | 100 | |
| Ethyl alcohol (ethanol) | 96 | |
| Ethylene chloride | 100 | |
| Food oil | â€” | |
| 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) | â€” | 🟢 |
| 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€” | 🟢 |
| Mineral oils (aromatic free) | â€” | 🟢 |
| Nitric acid | 10 | 🟢 |
| Nitric acid (50%) | 50 | 🟢 |
| Nitrobenzene | â€” | 🟢 |
| Oxalic acid | â€” | 🟢 |
| Ozone (gas) | â‰¤ 0.5 ppm | 🟢 |
| Paraffin oil | 100 | 🟢 |
| Perchloroethylene | â€” | 🟢 |
| Petroleum | 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 (60%) | 60 | 🟢 |
| Sodium hydroxide solution (caustic soda) | 15 | 🟢 |
| Sodium nitrate (aqueous) | â€” | 🟢 |
| Sodium thiosulfate | â€” | 🟢 |
| Sulphuric acid | 96 | 🟢 |
| Tetrahydrofuran (THF) | 100 | 🟡 |
| Toluene | 100 | 🟢 |
| Transformer oil | â€” | 🟢 |
| Trichloroethylene | 100 | 🟢 |
| Vinegar (standard) | 5 - 10 | 🟢 |
| Water | â€” | 🟢 |
| Xylene | â€” | 🟢 |