

PVC U 2000x1000x2 mm valkoinen

Artikelnr P2201957

1. Tekniskt datablad

| Egenskap | Värde | Enhet | Standard |
|---|---------------------|---------------------|------------------|
| Tiheys | 1.53 | g/cm ³ | ASTM D792 |
| Venymisrajan jännisyys | 48.8 | MPa | ASTM D638 |
| Joustavuusmoduli (vetolujuus) | 2669 | MPa | ASTM D638 |
| Murtolujuus | 40 | MPa | ISO 527 |
| Murtovenymä | 14 | % | ISO 527 |
| Sulamispiste | 189.2 | °C | ASTM D3418 |
| Maksimaalinen käyttölämpötila (lyhytaikainen) | 93.3 | °C | UL 746B |
| Maksimi käyttölämpötila | 60 | °C | |
| Alin lämpötila | -15 | °C | UL 746B |
| Lämpötilakäyrä (HDT/A) | 106.7 | °C | ASTM D648 |
| Vicat-pehmenemislämpötila (VST/B/50) | 75 | °C | ISO 306 |
| Dielektrinen voimakkuus | 40 | kV/mm | IEC 60243-1 |
| Tilavuusresistanssi | 10 ⁻¹ µm | 10 ⁻¹ cm | DIN EN 62631-3-1 |
| Dielektrinen vakio (1 MHz) | 3.1 | - | IEC 60250 |
| Dielektrinen vakio (100 Hz) | 3.2 | - | IEC 60250 |
| Dielektrinen hajoamiskerroin (1 MHz) | 0.0 | - | IEC 60250 |
| Taivutuslujuus | 73.1 | MPa | ASTM D790 |
| Lämpöjohtavuus | 0.14 | W/(m·K) | ISO 22007-4 |
| Pintaresistanssi | 10 ⁻¹ Ω | Ω | DIN EN 62631-3-2 |
| Vertailukemiseindeksi (CTI) | 600 | V | IEC 60112 |
| Imeytymisen maksimointi | 0.5 | % | ASTM D570 |
| Vesihaku kyllästymiseen | 0.5 | % | ASTM D570 |
| Särkyäkesto (Charpy) | 4 | kJ/m ² | ISO 179 |
| Iskunkestävyys (Charpy) | 550 | kJ/m ² | DIN EN ISO 8256 |
| Lämpölaajenemiskerroin | 1.03 | 10 ⁻⁶ /K | ASTM D696 |
| Kovuus Shore D | 85 | ° Shore D | ASTM D2240 |
| Kulmapaineen kovuus | 100 | MPa | ISO 2039 |

Egenskap

Värde

Enhet

Standard

2. Kemisk beständighet

● Beständig
 ● Delvis beständig
 ● Ej beständig

| Kemikalie | Konc. | Resultat |
|---------------------------------------|---------|----------|
| 1,4-Dioxane | 100% | ● |
| 2-Hydroxypropionic acid (lactic acid) | 90% | ● |
| Acetic acid | 100% | ● |
| Acetone | 100% | ● |
| Ammonia | conc. | ● |
| Ammonium chloride | â€” | ● |
| Amyl alcohol | â€” | ● |
| Apple juice | â€” | ● |
| Benzene | â€” | ● |
| Bleaching solution | 12.5 cl | ● |
| 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 (aromatic free) | â€” | ● |
| Fuel oil | 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€” | ● |
| Mineral oils (aromatic free) | â€” | ● |
| Nitric acid | 50% | ● |
| Nitric acid | 10% | ● |
| Nitrobenzene | â€” | ● |
| Oxalic acid | â€” | ● |
| Ozone (gas) | â‰ƒ 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€” | ● |

| Kemikalie | Konc. | Resultat |
|--|---------|----------|
| Pyridine | â€” | ● |
| Silicone oil | â€” | ● |
| Sodium carbonate (aqueous) | â€” | ● |
| Sodium chloride (aqueous) | â€” | ● |
| Sodium hydrogen sulfite | â€” | ● |
| Sodium hydroxide solution (caustic soda) | 15% | ● |
| Sodium hydroxide solution (caustic soda) | 60% | ● |
| 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€” | ● |