



PTFE 1200x1200x40 mm natur

Artikelnr P1201019  
Material PTFE

1. Tekniskt datablad

| Egenskap                             | Värde | Enhet     | Standard   |
|--------------------------------------|-------|-----------|------------|
| Tetthet                              | 2.1   | g/cm³     | ASTM D1457 |
| StreckgrenseSpenning                 | 22    | MPa       | ASTM D4894 |
| Elastisitetsmodul (trek)             | 750   | MPa       | ISO 527    |
| Brottspenning                        | 18    | MPa       | ASTM D1457 |
| Brottsdeformasjon                    | 300   | %         | ASTM D1457 |
| Maksimal drifttemperatur (kortvarig) | 260   | °C        |            |
| Maksimal driftstemperatur            | 260   | °C        |            |
| Minstemperatur                       | -200  | °C        |            |
| VolumResistivitet                    | 10⁴   | Ω·cm      | ASTM D257  |
| Bøyhållfasthet                       | 6     | MPa       | ISO 178    |
| Skåret slagfasthet (Charpy)          | 16    | kJ/m²     | ISO 179    |
| Hardhet Shore D                      | 58.5  | ° Shore D | ASTM D1706 |
| Kuletrykkshardhet                    | 45    | MPa       | ISO 2039   |

2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

| Kemikalie               | Konc. | Resultat |
|-------------------------|-------|----------|
| 1,4-Dioxan              | 100   | ●        |
| 2-Hydroxypropionic Acid | 90    | ●        |
| Acetic Acid             | 100   | ●        |
| Aceton                  | 100   | ●        |
| Ammoniak                | -     | ●        |
| Ammonium Chloride       | -     | ●        |
| Amyl Alcohol            | -     | ●        |
| Apple Juice             | -     | ●        |

| Kemikalie                        | Konc.  | Resultat |
|----------------------------------|--------|----------|
| Bensen                           | -      | ●        |
| Bleaching Solution               | -      | ●        |
| Boric Acid                       | 100    | ●        |
| Brake Fluid                      | -      | ●        |
| Bränsle, aromatfritt             | -      | ●        |
| Butyl Acetate                    | -      | ●        |
| Calcium Chloride                 | -      | ●        |
| Carbon Disulfide                 | 100    | ●        |
| Carbon Tetrachloride             | -      | ●        |
| Citric Acid                      | 10     | ●        |
| Cyklohexanon                     | 100    | ●        |
| Cyklohexen                       | 100    | ●        |
| Diesel Fuel                      | -      | ●        |
| Diethylene Oxide                 | -      | ●        |
| Eddik (standard)                 | 5 - 10 | ●        |
| Ethyl Acetate                    | 100    | ●        |
| Ethyl Alcohol                    | 96     | ●        |
| Ethylene Chloride                | 100    | ●        |
| Fenol (vattenl.)                 | ca. 9  | ●        |
| Food Oil                         | -      | ●        |
| Formaldehyd (vattenl.)           | 40     | ●        |
| Formic Acid                      | 10     | ●        |
| Frost Protection Agent           | -      | ●        |
| Glycerin                         | 100    | ●        |
| Glykol                           | 100    | ●        |
| Heating Oil                      | -      | ●        |
| Heptan                           | 100    | ●        |
| Hydrochloric Acid                | 10     | ●        |
| Hydrochloric Acid (concentrated) | -      | ●        |
| Hydrofluoric Acid                | 40     | ●        |
| Hydrogen Peroxide                | 10     | ●        |
| Hydrogen Sulfide (aqueous)       | -      | ●        |
| Isopropyl Alcohol                | 100    | ●        |
| Klor (gas)                       | 100    | ●        |
| Klorbensen                       | 100    | ●        |

| Kemikalie                    | Konc.     | Resultat |
|------------------------------|-----------|----------|
| Kloroform                    | -         | ●        |
| Kresol                       | -         | ●        |
| Linseed Oil                  | -         | ●        |
| Melk                         | -         | ●        |
| Merkurokrom                  | -         | ●        |
| Methyl Alcohol               | 100       | ●        |
| Methyl Ethyl Ketone (MEK)    | 100       | ●        |
| Methylene Chloride           | 100       | ●        |
| Mineral Oils (aromatic free) | -         | ●        |
| Nitric Acid                  | 10        | ●        |
| Nitric Acid (50%)            | 50        | ●        |
| Nitrobensen                  | -         | ●        |
| Oxalic Acid                  | -         | ●        |
| Ozone Gas                    | ≤ 0.5 ppm | ●        |
| Paraffine Oil                | 100       | ●        |
| Perkloretylen                | -         | ●        |
| Petroleum                    | 100       | ●        |
| Petroleum Ether              | 100       | ●        |
| Phosphoric Acid              | 50        | ●        |
| Potassium Hydroxide liquor   | 50        | ●        |
| Premium Fuel                 | -         | ●        |
| Propyl Alcohol               | -         | ●        |
| Pyridin                      | -         | ●        |
| Silicone Oil                 | -         | ●        |
| Sodium Carbonate (aqueous)   | -         | ●        |
| Sodium Chloride (aqueous)    | -         | ●        |
| Sodium Hydrogen Sulfite      | -         | ●        |
| Sodium Hydroxide liquor      | 15        | ●        |
| Sodium Hydroxide liquor (60) | 60        | ●        |
| Sodium Nitrate (aqueous)     | -         | ●        |
| Sodium Thiosulfate           | -         | ●        |
| Sulfuric Acid                | 96        | ●        |
| Tetrahydrofuran (THF)        | 100       | ●        |
| Toluen                       | 100       | ●        |

| Kemikalie       | Konc. | Resultat |
|-----------------|-------|----------|
| Transformer Oil | -     | ●        |
| Trikloreten     | 100   | ●        |
| Vann            | -     | ●        |
| Xylen           | -     | ●        |