



# PTFE 1200x1200x8 mm luonnollinen

Artikelnr P1501524  
Material PTFE

## 1. Tekniskt datablad

| Egenskap                                      | Värde | Enhet     | Standard   |
|-----------------------------------------------|-------|-----------|------------|
| Tiheys                                        | 2.1   | g/cm³     | ASTM D1457 |
| Venymisrajan jännitys                         | 22    | MPa       | ASTM D4894 |
| Joustavuusmoduli (vetolujuus)                 | 750   | MPa       | ISO 527    |
| Murtolujuus                                   | 18    | MPa       | ASTM D1457 |
| Murtovenymä                                   | 300   | %         | ASTM D1457 |
| Maksimaalinen käyttölämpötila (lyhytaikainen) | 260   | °C        |            |
| Maksimi käyttölämpötila                       | 260   | °C        |            |
| Alin lämpötila                                | -200  | °C        |            |
| Tilavuusresistanssi                           | 10⁴   | Ω·cm      | ASTM D257  |
| Taivutuslujuus                                | 6     | MPa       | ISO 178    |
| Särkyäkesto (Charpy)                          | 16    | kJ/m²     | ISO 179    |
| Kovuus Shore D                                | 58.5  | ° Shore D | ASTM D1706 |
| Kulmapaineen kovuus                           | 45    | MPa       | ISO 2039   |

## 2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

| Kemikalie               | Konc. | Resultat |
|-------------------------|-------|----------|
| 1,4-Dioxane             | 100   | ●        |
| 2-Hydroxypropionic Acid | 90    | ●        |
| Acetic Acid             | 100   | ●        |
| Acetone                 | 100   | ●        |
| Ammonia                 | -     | ●        |
| Ammonium Chloride       | -     | ●        |
| Amyl Alcohol            | -     | ●        |
| Apple Juice             | -     | ●        |

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

| Kemikalie                    | Konc.     | Resultat |
|------------------------------|-----------|----------|
| Linseed Oil                  | -         | ●        |
| Mercurochrome                | -         | ●        |
| Methyl Alcohol               | 100       | ●        |
| Methyl Ethyl Ketone (MEK)    | 100       | ●        |
| Methylene Chloride           | 100       | ●        |
| Milk                         | -         | ●        |
| Mineral Oils (aromatic free) | -         | ●        |
| Nitric Acid                  | 10        | ●        |
| Nitric Acid (50%)            | 50        | ●        |
| Nitrobenzene                 | -         | ●        |
| Oxalic Acid                  | -         | ●        |
| Ozone Gas                    | ≤ 0.5 ppm | ●        |
| Paraffine Oil                | 100       | ●        |
| Perchloroethylene            | -         | ●        |
| Petroleum                    | 100       | ●        |
| Petroleum Ether              | 100       | ●        |
| Phenol (aqueous)             | ca. 9     | ●        |
| Phosphoric Acid              | 50        | ●        |
| Potassium Hydroxide liquor   | 50        | ●        |
| Premium Fuel                 | -         | ●        |
| Propyl Alcohol               | -         | ●        |
| Pyridine                     | -         | ●        |
| 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       | ●        |
| Toluene                      | 100       | ●        |
| Transformer Oil              | -         | ●        |

| Kemikalie          | Konc.  | Resultat |
|--------------------|--------|----------|
| Trichloroethylene  | 100    | ●        |
| Vinegar (standard) | 5 - 10 | ●        |
| Water              | -      | ●        |
| Xylene             | -      | ●        |