



# PTFE 600x600x55 mm natural

Artikelnr P1203063

## 1. Tekniskt datablad

| Egenskap                                   | Värde | Enhet     | Standard   |
|--------------------------------------------|-------|-----------|------------|
| Density                                    | 2.1   | g/cm³     | ASTM D1457 |
| Tensile Strength                           | 22    | MPa       | ASTM D4894 |
| Modulus of elasticity (tensile)            | 750   | MPa       | ISO 527    |
| Breakdown Voltage                          | 18    | MPa       | ASTM D1457 |
| Break Elongation                           | 300   | %         | ASTM D1457 |
| Maximal operating temperature (short-term) | 260   | °C        |            |
| Maximum Operating Temperature              | 260   | °C        |            |
| Minimum temperature                        | -200  | °C        |            |
| Volume Resistivity                         | 10¹¹  | Î·cm      | ASTM D257  |
| Flexural Strength                          | 6     | MPa       | ISO 178    |
| Notched impact strength (Charpy)           | 16    | kJ/m²     | ISO 179    |
| Hardness Shore D                           | 58.5  | ° Shore D | ASTM D1706 |
| Ball pressure hardness                     | 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                 | â€    |          |
| Ammonium Chloride       | â€    |          |
| Amyl Alcohol            | â€    |          |
| Apple Juice             | â€    |          |
| Benzene                 | â€    |          |

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

| Kemikalie                    | Konc.       | Resultat    |
|------------------------------|-------------|-------------|
| Mercurochrome                | â€”         | <div></div> |
| Methyl Alcohol               | 100         | <div></div> |
| Methyl Ethyl Ketone (MEK)    | 100         | <div></div> |
| Methylene Chloride           | 100         | <div></div> |
| Milk                         | â€”         | <div></div> |
| Mineral Oils (aromatic free) | â€”         | <div></div> |
| Nitric Acid                  | 10          | <div></div> |
| Nitric Acid (50%)            | 50          | <div></div> |
| Nitrobenzene                 | â€”         | <div></div> |
| Oxalic Acid                  | â€”         | <div></div> |
| Ozone Gas                    | â‰‰ 0.5 ppm | <div></div> |
| Paraffine Oil                | 100         | <div></div> |
| Perchloroethylene            | â€”         | <div></div> |
| Petroleum                    | 100         | <div></div> |
| Petroleum Ether              | 100         | <div></div> |
| Phenol (aqueous)             | ca. 9       | <div></div> |
| Phosphoric Acid              | 50          | <div></div> |
| Potassium Hydroxide liquor   | 50          | <div></div> |
| Premium Fuel                 | â€”         | <div></div> |
| Propyl Alcohol               | â€”         | <div></div> |
| Pyridine                     | â€”         | <div></div> |
| Silicone Oil                 | â€”         | <div></div> |
| Sodium Carbonate (aqueous)   | â€”         | <div></div> |
| Sodium Chloride (aqueous)    | â€”         | <div></div> |
| Sodium Hydrogen Sulfite      | â€”         | <div></div> |
| Sodium Hydroxide liquor      | 15          | <div></div> |
| Sodium Hydroxide liquor (60) | 60          | <div></div> |
| Sodium Nitrate (aqueous)     | â€”         | <div></div> |
| Sodium Thiosulfate           | â€”         | <div></div> |
| Sulfuric Acid                | 96          | <div></div> |
| Tetrahydrofuran (THF)        | 100         | <div></div> |
| Toluene                      | 100         | <div></div> |
| Transformer Oil              | â€”         | <div></div> |
| Trichloroethylene            | 100         | <div></div> |
| Vinegar (standard)           | 5 - 10      | <div></div> |

| Kemikalie |     | Konc. | Resultat |
|-----------|-----|-------|----------|
| Water     | â€” |       | ●        |
| Xylene    | â€” |       | ●        |