



# PEEK+PTFE 65x3000 mm blå

Artikelnr P1501478

## 1. Tekniskt datablad

| Egenskap                           | Värde | Enhet   | Standard    |
|------------------------------------|-------|---------|-------------|
| Densitet                           | 1.31  | g/cm³   | ISO 1183    |
| Elasticitetsmodul (drag)           | 4400  | MPa     | ISO 527-2   |
| Brottåtgång                        | 20    | %       | ISO 527-2   |
| Smältpunkt                         | 340   | °C      | ISO 3146    |
| Maximal drifttemperatur (korttid)  | 310   | °C      |             |
| Maximal drifttemperatur            | 200   | °C      |             |
| Värmeåtvärngning (HDT/A)           | 160   | °C      | ISO 75-2    |
| Dielektrisk styrka                 | 24    | kV/mm   | IEC 60243-1 |
| Volymresistivitet                  | 10¹¹  | Ω·cm    | IEC 60093   |
| Dielektrisk konstant (1 MHz)       | 3.6   | -       | IEC 60250   |
| Dielektrisk konstant (100 Hz)      | 3.2   | -       | IEC 60250   |
| Dielektrisk förlustfaktor (1 MHz)  | 0.0   | -       | IEC 60250   |
| Dielektrisk förlustfaktor (100 Hz) | 0.0   | -       | IEC 60250   |
| Båghållfasthet                     | 110   | MPa     | ISO 527-2   |
| Termisk konduktivitet              | 0.25  | W/(m·K) | DIN 52612   |
| Ytresistivitet                     | 10¹¹  | Ω       | IEC 60093   |
| Jämförande krypsrömsindex (CTI)    | 150   | V       | IEC 60112   |
| Fuktabsorption till mättnad        | 0.2   | %       | ISO 62      |
| Vattenabsorption till mättnad      | 0.45  | %       | ISO 62      |
| Skårad slagseghet (Charpy)         | 3.5   | kJ/m²   | ISO 179/1eA |
| Termisk utvidgningskoefficient     | 0.5   | 10⁻⁵ /K | ISO 11359   |
| Kultryckshårdhet                   | 230   | MPa     | ISO 2039-1  |

## 2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

| Kemikalie | Konc. | Resultat |
|-----------|-------|----------|
|-----------|-------|----------|

| Kemikalie               | Konc. | Resultat |
|-------------------------|-------|----------|
| 1,4-Dioxan              | 100   | ●        |
| 2-Hydroxypropionic Acid | 90    | ●        |
| Acetic Acid             | 100   | ●        |
| Aceton                  | 100   | ●        |
| Ammoniak                | â€”   | ●        |
| Ammonium Chloride       | â€”   | ●        |
| Amyl Alcohol            | â€”   | ●        |
| Apple Juice             | â€”   | ●        |
| Bensen                  | â€”   | ●        |
| Bleaching Solution      | â€”   | ●        |
| Boric Acid              | 100   | ●        |
| Brake Fluid             | â€”   | ●        |
| Br  nsle, aromatfritt   | â€”   | ●        |
| Butyl Acetate           | â€”   | ●        |
| Calcium Chloride        | â€”   | ●        |
| Carbon Disulfide        | 100   | ●        |
| Carbon Tetrachloride    | â€”   | ●        |
| Citric Acid             | 10    | ●        |
| Cyklohexanon            | 100   | ●        |
| Cyklohexen              | 100   | ●        |
| Diesel Fuel             | â€”   | ●        |
| Diethylene Oxide        | â€”   | ●        |
| Ethyl Acetate           | 100   | ●        |
| Ethyl Alcohol           | 96    | ●        |
| Ethylene Chloride       | 100   | ●        |
| Fenol (vattenl.)        | 9     | ●        |
| Food Oil                | â€”   | ●        |
| Formaldehyd (vattenl.)  | 40    | ●        |
| Formic Acid             | 10    | ●        |
| Frost Protection Agent  | â€”   | ●        |
| Glycerin                | 100   | ●        |
| Glykol                  | 100   | ●        |
| Heating Oil             | â€”   | ●        |
| Heptan                  | 100   | ●        |
| Hydrochloric Acid       | 10    | ●        |

| Kemikalie                        | Konc. | Resultat    |
|----------------------------------|-------|-------------|
| 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> |
| Klor (gas)                       | 100   | <div></div> |
| Klorbensen                       | 100   | <div></div> |
| Kloroform                        | â€”   | <div></div> |
| Kresol                           | â€”   | <div></div> |
| Linseed Oil                      | â€”   | <div></div> |
| Merkurokrom                      | â€”   | <div></div> |
| Methyl Alcohol                   | 100   | <div></div> |
| Methyl Ethyl Ketone (MEK)        | 100   | <div></div> |
| Methylene Chloride               | 100   | <div></div> |
| Mineral Oils (aromatic free)     | â€”   | <div></div> |
| Mj lk                            | â€”   | <div></div> |
| Nitric Acid                      | 10    | <div></div> |
| Nitric Acid                      | 50    | <div></div> |
| Nitrobensen                      | â€”   | <div></div> |
| Oxalic Acid                      | â€”   | <div></div> |
| Ozone Gas                        | â€”   | <div></div> |
| Paraffine Oil                    | 100   | <div></div> |
| Perkloretylen                    | â€”   | <div></div> |
| Petroleum                        | 100   | <div></div> |
| Petroleum Ether                  | 100   | <div></div> |
| Phosphoric Acid                  | 50    | <div></div> |
| Potassium Hydroxide liquor       | 50    | <div></div> |
| Premium Fuel                     | â€”   | <div></div> |
| Propyl Alcohol                   | â€”   | <div></div> |
| Pyridin                          | 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> |

| Kemikalie                | Konc. | Resultat |
|--------------------------|-------|----------|
| Sodium Hydroxide liquor  | 60    | ●        |
| Sodium Nitrate (aqueous) | â€”   | ●        |
| Sodium Thiosulfate       | â€”   | ●        |
| Sulfuric Acid            | 96    | ●        |
| Tetrahydrofuran (THF)    | 100   | ●        |
| Toluen                   | 100   | ●        |
| Transformer Oil          | â€”   | ●        |
| Trikloreten              | 100   | ●        |
| Vatten                   | â€”   | ●        |
| Xylen                    | â€”   | ●        |
| Ä„ttika (standard)       | 5-10  | ●        |