



## PEEK+PTFE 75x3000 mm blue

Artikelnr P1501480  
Kategori PEEK

### Tekniska egenskaper

#### Density & Weight

| Egenskap | VÄrde | Enhet | Provningsstandard |
|----------|-------|-------|-------------------|
| Density  | 1.31  | g/cm³ | ISO 1183          |

#### Tensile Properties

| Egenskap                        | VÄrde | Enhet | Provningsstandard |
|---------------------------------|-------|-------|-------------------|
| Modulus of elasticity (tensile) | 4400  | MPa   | ISO 527-2         |
| Break Elongation                | 20    | %     | ISO 527-2         |

#### Temperature Limits

| Egenskap                                   | VÄrde | Enhet | Provningsstandard |
|--------------------------------------------|-------|-------|-------------------|
| Melting point                              | 340   | °C    | ISO 3146          |
| Maximal operating temperature (short-term) | 310   | °C    |                   |
| Maximum Operating Temperature              | 200   | °C    |                   |
| Heat deflection temperature (HDT/A)        | 160   | °C    | ISO 75-2          |

#### Insulation Properties

| Egenskap                       | VÄrde | Enhet | Provningsstandard |
|--------------------------------|-------|-------|-------------------|
| Dielectric Strength            | 24    | kV/mm | IEC 60243-1       |
| Volume Resistivity             | 10¹¹  | Ω·cm  | IEC 60093         |
| Dielectric Constant (1 MHz)    | 3.6   | -     | IEC 60250         |
| Dielectric Constant (100 Hz)   | 3.2   | -     | IEC 60250         |
| Dielectric loss factor (1 MHz) | 0.0   | -     | IEC 60250         |

