



## PTFE 120x2000 mm natural

Artikelnr P1201005  
Kategori PTFE

### Tekniska egenskaper

#### Density & Weight

| Egenskap | Värde | Enhet | Provningsstandard |
|----------|-------|-------|-------------------|
| Density  | 2.1   | g/cm³ | ASTM D1457        |

#### Tensile Properties

| Egenskap                        | Värde | Enhet | Provningsstandard |
|---------------------------------|-------|-------|-------------------|
| 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        |

#### Temperature Limits

| Egenskap                                   | Värde | Enhet | Provningsstandard |
|--------------------------------------------|-------|-------|-------------------|
| Maximal operating temperature (short-term) | 260   | °C    |                   |
| Maximum Operating Temperature              | 260   | °C    |                   |
| Minimum temperature                        | -200  | °C    |                   |

#### Insulation Properties

| Egenskap           | Värde | Enhet | Provningsstandard |
|--------------------|-------|-------|-------------------|
| Volume Resistivity | 10¹⁷  | Ω·cm  | ASTM D257         |

#### Flexural Properties

| Egenskap          | Värde | Enhet | Provningsstandard |
|-------------------|-------|-------|-------------------|
| Flexural Strength | 6     | MPa   | ISO 178           |

| Egenskap | V rde | Enhet | Provningsstandard |
|----------|-------|-------|-------------------|
|----------|-------|-------|-------------------|

Impact Resistance

| Egenskap                         | V rde | Enhet   | Provningsstandard |
|----------------------------------|-------|---------|-------------------|
| Notched impact strength (Charpy) | 16    | kJ/m    | ISO 179           |

Hardness

| Egenskap               | V rde | Enhet      | Provningsstandard |
|------------------------|-------|------------|-------------------|
| Hardness Shore D       | 58.5  |    Shore D | ASTM D1706        |
| Ball pressure hardness | 45    | MPa        | ISO 2039          |

Godk nnanden

- EU 10/2011
- FDA
- REACH
- RoHS