



## POM C FG 70/40x3000 mm svart

Artikelnr P1007133  
Kategori POM

### Tekniska egenskaper

#### Density & Weight

| Egenskap | V rde | Enhet   | Provningsstandard |
|----------|-------|---------|-------------------|
| Density  | 1.24  | g/cm    | ASTM D792         |

#### Tensile Properties

| Egenskap                        | V rde | Enhet | Provningsstandard |
|---------------------------------|-------|-------|-------------------|
| Tensile Strength                | 51    | MPa   | DIN EN ISO 527-2  |
| Modulus of elasticity (tensile) | 1200  | MPa   | ASTM D790         |
| Breakdown Voltage               | 76.5  | MPa   | ISO 527           |
| Break Elongation                | 300   | %     | ASTM D638         |

#### Temperature Limits

| Egenskap                                   | V rde  | Enhet | Provningsstandard |
|--------------------------------------------|--------|-------|-------------------|
| Melting point                              | 222    |   C   | ISO 3146          |
| Maximal operating temperature (short-term) | 129    |   C   | UL746B            |
| Maximum Operating Temperature              | 90     |   C   |                   |
| Minimum temperature                        | -46.25 |   C   |                   |
| Heat deflection temperature (HDT/A)        | 105    |   C   | ASTM D648         |
| Heat deflection temperature (HDT/B)        | 155    |   C   | ISO 75            |
| Vicat softening temperature (VST/B/50)     | 50     |   C   | ISO 306           |

#### Insulation Properties

| Egenskap            | V rde | Enhet | Provningsstandard |
|---------------------|-------|-------|-------------------|
| Dielectric Strength | 85    | kV/mm | IEC 60243-1       |



| Egenskap               | Värde | Enhet      | Provningsstandard |
|------------------------|-------|------------|-------------------|
| Hardness Shore D       | 83    | Å° Shore D | ISO 868           |
| Ball pressure hardness | 230   | MPa        | ISO 2039-1        |

Godkännanden

- EU 10/2011
- FDA
- REACH
- RoHS