



PA6 GF30 25x3000 mm svart

Artikelnr P1001439

Kategori PA

Tekniska egenskaper

Density & Weight

| Egenskap | VÄrde | Enhet | Provningsstandard |
|----------|-------|-------------------|-------------------|
| Density | 1.34 | g/cm ³ | ISO 1183 |

Tensile Properties

| Egenskap | VÄrde | Enhet | Provningsstandard |
|---------------------------------|-------|-------|-------------------|
| Modulus of elasticity (tensile) | 8700 | MPa | ISO 527-2 |

Temperature Limits

| Egenskap | VÄrde | Enhet | Provningsstandard |
|--|-------|-------|-------------------|
| Melting point | 220 | Å°C | ISO 3146 |
| Maximal operating temperature (short-term) | 180 | Å°C | |
| Maximum Operating Temperature | 100 | Å°C | |
| Minimum temperature | -20 | Å°C | |
| Heat deflection temperature (HDT/A) | 210 | Å°C | ISO 75-2 |

Insulation Properties

| Egenskap | VÄrde | Enhet | Provningsstandard |
|--------------------|--------------------|--------|-------------------|
| Volume Resistivity | 10 ¹⁴ Å | Î@Å·cm | IEC 60093 |

Flexural Properties

| Egenskap | VÄrde | Enhet | Provningsstandard |
|-------------------|-------|-------|-------------------|
| Flexural Strength | 120 | MPa | ISO 527-2 |

Thermal Conductivity

| Egenskap | V rde | Enhet | Provningsstandard |
|----------------------|-------|---------|-------------------|
| Thermal Conductivity | 0.28 | W/(m K) | DIN 52612 |

Static spread

| Egenskap | V rde | Enhet | Provningsstandard |
|---------------------|-------|-------|-------------------|
| Surface Resistivity | 10    |   | IEC 60093 |

Moisture Absorption

| Egenskap | V rde | Enhet | Provningsstandard |
|--------------------------------|-------|-------|-------------------|
| Water absorption to saturation | 2.1 | % | ISO 62 |
| Water Absorption to Saturation | 6.6 | % | ISO 62 |

Impact Resistance

| Egenskap | V rde | Enhet | Provningsstandard |
|----------------------------------|-------|--------|-------------------|
| Notched impact strength (Charpy) | 5 | kJ/m   | ISO 179/1eA |
| Impact Resistance (Charpy) | 50 | kJ/m   | ISO 179/1eU |

Thermal Expansion

| Egenskap | V rde | Enhet | Provningsstandard |
|-------------------------------|-------|---------|-------------------|
| Thermal Expansion Coefficient | 0.26 | 10   /K | DIN 11359 |

Hardness

| Egenskap | V rde | Enhet | Provningsstandard |
|------------------------|-------|-------|-------------------|
| Ball pressure hardness | 43 | MPa | ISO 2039-1 |

Godk nnanden

REACH

RoHS