

| Mechanical properties | Value | Unit | Test Standard |
|-------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Modulus | 17500 | MPa | ISO 527 |
| Tensile Strength | 190 | MPa | ISO 527 |
| Strain at break | 2 | % | ISO 527 |
| Charpy impact strength, +23°C | 45 | kJ/m ² | ISO 179/1eU |

| Thermal properties | Value | Unit | Test Standard |
|--|-------|------|----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 343 | °C | ISO 11357-1/-3 |
| Glass transition temperature, 10°C/min | 143 | °C | ISO 11357-1/-2 |

| Electrical properties | Value | Unit | Test Standard |
|--------------------------------------|-------|-------|---------------|
| Other Standards^[5] | | | |
| Volume resistivity | 3E6 | Ohm*m | IEC 61340 |
| Surface resistivity | 4E6 | Ohm | IEC 61340 |

S: These properties are reported by the producer according standards that are different to our defaults.

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1390 | kg/m ³ | ISO 1183 |
| Bulk density | 670 | kg/m ³ | - |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 140 - 160 | °C | - |
| Pre-drying - Time | 3 - 4 | h | - |
| Processing humidity | ≤0.02 | % | - |
| Melt temperature | 390 - 400 | °C | - |
| Mold temperature | 160 - 200 | °C | - |
| Zone 1 | 360 - 400 | °C | - |

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Regional Availability

North America, Europe, Asia Pacific, South and Central America