

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|-----------------|
| ISO Data | | | |
| Melt flow index, MFI | 15 | g/10min | ISO 1133 |
| Temperature | 220 | °C | - |
| Load | 10 | kg | - |
| Molding shrinkage, parallel | 0.7 | % | ISO 294-4, 2577 |

| Mechanical properties | Value | Unit | Test Standard |
|---------------------------------------|-------|-------------------|---------------|
| ISO Data | | | |
| Tensile Strength | 36 | MPa | ISO 527 |
| Strain at break | 8 | % | ISO 527 |
| Flexural modulus, 23°C | 2000 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 33 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 5 | kJ/m ² | ISO 179/1eA |
| Shore D hardness | 76 | - | ISO 7619-1 |

| Thermal properties | Value | Unit | Test Standard |
|--|-------|------|---------------|
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 73 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 88 | °C | ISO 75-1/-2 |
| Vicat softening temperature, A | 104 | °C | ISO 306 |
| Vicat softening temperature, B | 91 | °C | ISO 306 |

| Electrical properties | Value | Unit | Test Standard |
|--------------------------------------|-------|-------|---------------|
| Other Standards^[5] | | | |
| Volume resistivity | 3.5 | Ohm*m | PRE021 |
| Surface resistivity | 5000 | Ohm | IEC 61340-2-3 |

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

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1100 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature | 80 - 100 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Melt temperature | 220 - 260 | °C | - |
| Mold temperature | 60 - 90 | °C | - |
| Injection pressure | 75 - 120 | MPa | - |

Characteristics

Processing

Injection Molding

Special Characteristics

Increased electrical conductivity

Certifications

RoHS compliant

Applications

Electrical and Electronical

Regional Availability

Europe, Asia Pacific