

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-----------|-------------------|-----------------|
| ISO Data | | | |
| Melt flow index, MFI | 17.5 | g/10min | ISO 1133 |
| Temperature | 300 | °C | - |
| Load | 5 | kg | - |
| Molding shrinkage, parallel | 0.3 | % | ISO 294-4, 2577 |
| Thermal conductivity of melt | 0.4 | W/(m K) | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 7500 | MPa | ISO 527 |
| Tensile Strength | 100 | MPa | ISO 527 |
| Flexural modulus, 23°C | 6500 | MPa | ISO 178 |
| Charpy impact strength, -30°C | 25 | kJ/m ² | ISO 179/1eU |
| Charpy notched impact strength, +23°C | 12 | kJ/m ² | ISO 179/1eA |
| Charpy notched impact strength, -30°C | 9 | kJ/m ² | ISO 179/1eA |
| Thermal properties | | | |
| ISO Data | | | |
| Vicat softening temperature, A | 160 | °C | ISO 306 |
| Coeff. of linear therm. expansion, parallel | 35 | E-6/K | ISO 11359-1/-2 |
| Burning behav. at thickness h | V-0 | class | IEC 60695-11-10 |
| Electrical properties | | | |
| ISO Data | | | |
| Surface resistivity | 1000000 | Ohm | IEC 62631-3-2 |
| Other properties | | | |
| Density | 1340 | kg/m ³ | ISO 1183 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 120 | °C | - |
| Pre-drying - Time | 4 - 6 | h | - |
| Processing humidity | ≤0.02 | % | - |
| Melt temperature | 295 | °C | - |
| Mold temperature | 80 - 120 | °C | - |
| Zone 1 | 280 - 300 | °C | - |
| Zone 2 | 290 - 310 | °C | - |
| Zone 3 | 300 - 320 | °C | - |
| Nozzle temperature | 290 - 310 | °C | - |

Characteristics

Processing

Injection Molding

Delivery form

Black

Special Characteristics

Increased electrical conductivity

Applications

Electrical and Electronical, Medical, Sports Equipment

Regional Availability

North America, Europe, Asia Pacific