

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|------------------|-------------------|----------------------|
| ISO Data | | | |
| Melt flow index, MFI | 24 | g/10min | ISO 1133 |
| Temperature | 220 | °C | - |
| Load | 10 | kg | - |
| Molding shrinkage, parallel | 0.4 | % | ISO 294-4, 2577 |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Strength | 63 | MPa | ISO 527 |
| Flexural modulus, 23°C | 3690 | MPa | ISO 178 |
| Flexural strength | 94 | MPa | ISO 178 |
| Charpy impact strength, +23°C | 6 | kJ/m ² | ISO 179/1eU |
| Rockwell hardness | R 110 | - | ISO 2039-2 |
| ASTM Data | | | |
| Tensile Strength | 58.8 | MPa | ASTM D 638 |
| Flexural Modulus | 4020 | MPa | ASTM D 790 |
| Flexural Strength | 98.1 | MPa | ASTM D 790 |
| Rockwell Hardness | R 112 | - | ASTM D 785 |
| Thermal properties | | | |
| ISO Data | | | |
| Burning behav. 5V at thickness h | 5VA | class | IEC 60695-11-20 |
| Thickness tested | 2.5 | mm | - |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 2.1 | mm | - |
| Other properties | | | |
| Density | 1250 | kg/m ³ | ISO 1183 |
| Density | 1250 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 80 - 90 | °C | - |
| Pre-drying - Time | 2 - 5 | h | - |
| Mold temperature | 50 - 100 | °C | - |
| Zone 1 | 180 - 230 | °C | - |

Characteristics

Processing

Injection Molding

Regional Availability

Asia Pacific

Special Characteristics

Flame retardant