

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-----------|-------------------|-----------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 18 | g/10min | ASTM D 1238 |
| Temperature | 300 | °C | - |
| Load | 1.2 | kg | - |
| Mold Shrinkage, MD | 0.003 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield | 70.3 | MPa | ASTM D 638 |
| Elongation at Break | 3 | % | ASTM D 638 |
| Flexural Modulus | 3999 | MPa | ASTM D 790 |
| Flexural Strength | 110 | MPa | ASTM D 790 |
| Rockwell Hardness | R 124 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 80.1 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ISO Data | | | |
| Burning behav. 5V at thickness h | 5VB | class | IEC 60695-11-20 |
| Thickness tested | 2.0 | mm | - |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 1.6 | mm | - |
| DTUL @ 66 psi | 118 | °C | ASTM D 648 |
| DTUL @ 264 psi | 112 | °C | ASTM D 648 |
| Vicat Temperature | 132 | °C | ASTM D 1525 |
| Other properties | | | |
| Density | 1280 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 121 | °C | - |
| Pre-drying - Time | 4 | h | - |
| Melt temperature | 271 - 310 | °C | - |
| Mold temperature | 60 - 100 | °C | - |

Characteristics

Processing

Injection Molding

Special Characteristics

Flame retardant, Heat stabilized or stable to heat

Applications

IT / Business Machine, Electrical and Electronical

Regional Availability

Asia Pacific