

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-----------|-------------------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 13 | g/10min | ASTM D 1238 |
| Temperature | 300 | °C | - |
| Load | 1.2 | kg | - |
| Mold Shrinkage, MD | 0.006 | mm/mm | ASTM D 955 |
| Mechanical properties | | | |
| Value | Unit | Test Standard | |
| ASTM Data | | | |
| Tensile Modulus | 2020 | MPa | ASTM D 638 |
| Tensile Strength at Yield | 67 | MPa | ASTM D 638 |
| Elongation at Yield | 110 | % | ASTM D 638 |
| Flexural Modulus | 2916 | MPa | ASTM D 790 |
| Flexural Strength | 103 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 112 | J/m | ASTM D 256 |
| Thermal properties | | | |
| Value | Unit | Test Standard | |
| ASTM Data | | | |
| UL 94 Flame rating | V-0 | - | UL 94 |
| Thickness tested | 0.5 | mm | - |
| Coefficient of Thermal Expansion, MD | 64.8 | E-6/K | ASTM D 696 |
| DTUL @ 66 psi | 98.9 | °C | ASTM D 648 |
| DTUL @ 264 psi | 86.1 | °C | ASTM D 648 |
| Vicat Temperature | 114 | °C | ASTM D 1525 |
| Electrical properties | | | |
| Value | Unit | Test Standard | |
| ASTM Data | | | |
| Dielectric Strength, Short Time | 11.8 | kV/mm | ASTM D 149 |
| Volume Resistivity | >1E15 | Ohm*cm | ASTM D 257 |
| Other properties | | | |
| Value | Unit | Test Standard | |
| Density | 1210 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Injection Molding | | | |
| Value | Unit | Test Standard | |
| Pre-drying - Temperature | 100 | °C | - |
| Pre-drying - Time | 4 | h | - |
| Melt temperature | 260 - 290 | °C | - |

Characteristics

Processing

Film Extrusion, Sheet Extrusion

Regional Availability

Asia Pacific

Special Characteristics

Flame retardant