

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|---|-------|------------------------|---------------|
| ISO Data | | | |
| ^[C] Melt volume-flow rate, MVR | 2.4 | cm ³ /10min | ISO 1133 |
| Temperature | 190 | °C | - |
| Load | 2.16 | kg | - |
| Melt flow index, MFI | 2.8 | g/10min | ISO 1133 |
| ASTM Data | | | |
| Melt Flow Index, MFI | 3 | g/10min | ASTM D 1238 |
| Temperature | 190 | °C | - |
| Load | 2.16 | kg | - |
| Mold Shrinkage, MD | 0.016 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.02 | mm/mm | ASTM D 955 |

[C]: CAMPUS

| Mechanical properties | Value | Unit | Test Standard |
|--|-------|-------------------|---------------|
| ISO Data | | | |
| ^[C] Tensile Modulus | 2650 | MPa | ISO 527 |
| Yield stress | 66 | MPa | ISO 527 |
| Strain at break | 40 | % | ISO 527 |
| Flexural modulus, 23°C | 2550 | MPa | ISO 178 |
| ^[C] Charpy notched impact strength, +23°C | 9 | kJ/m ² | ISO 179/1eA |
| ASTM Data | | | |
| Tensile Strength | 65 | MPa | ASTM D 638 |
| Elongation at Break | 40 | % | ASTM D 638 |
| Flexural Modulus | 2550 | MPa | ASTM D 790 |
| Flexural Strength | 93 | MPa | ASTM D 790 |
| Rockwell Hardness | M 90 | - | ASTM D 785 |
| Izod Impact notched, 1/8 in | 96 | J/m | ASTM D 256 |

[C]: CAMPUS

| Thermal properties | Value | Unit | Test Standard |
|--|-------|-------|-----------------|
| ISO Data | | | |
| ^[C] Temp. of deflection under load, 1.80 MPa | 102 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 160 | °C | ISO 75-1/-2 |
| ^[C] Coeff. of linear therm. expansion, parallel | 100 | E-6/K | ISO 11359-1/-2 |
| ^[C] Burning Behav. at 1.5 mm nom. thickn. | HB | class | IEC 60695-11-10 |
| ^[C] Burning Behav. at thickness h | HB | class | IEC 60695-11-10 |
| Thickness tested | 0.8 | mm | - |
| Yellow Card available | yes | - | - |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| DTUL @ 66 psi | 163 | °C | ASTM D 648 |
| DTUL @ 264 psi | 124 | °C | ASTM D 648 |

[C]: CAMPUS

| Electrical properties | Value | Unit | Test Standard |
|-----------------------|-------|--------|---------------|
| ASTM Data | | | |
| Surface Resistivity | 1E17 | Ohm | ASTM D 257 |
| Volume Resistivity | 1E16 | Ohm*cm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|------------------------|-------|-------------------|---------------|
| ^[C] Density | 1410 | kg/m ³ | ISO 1183 |
| Water Absorption, 24hr | 0.2 | % | ASTM D 570 |
| Density | 1410 | kg/m ³ | ASTM D 792 |

[C]: CAMPUS

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 80 - 90 | °C | - |
| Pre-drying - Time | 3 - 4 | h | - |
| Melt temperature | 180 - 210 | °C | - |
| Mold temperature | 60 | °C | - |

Characteristics**Processing**

Injection Molding

Features

Copolymer

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa