

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|---------------|-------------|----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 4.5 | g/10min | ASTM D 1238 |
| Mold Shrinkage, MD | 0.0075 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Tensile Strength | 45 | MPa | ASTM D 638 |
| Elongation at Break | 5 | % | ASTM D 638 |
| Flexural Modulus | 3000 | MPa | ASTM D 790 |
| Flexural Strength | 80 | MPa | ASTM D 790 |
| Izod Impact notched, 1/8 in | 55 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| DTUL @ 264 psi | 100 | °C | ASTM D 648 |
| Vicat Temperature | 120 | °C | ASTM D 1525 |

| Electrical properties | Value | Unit | Test Standard |
|---------------------------------|--------------|-------------|----------------------|
| ASTM Data | | | |
| Dielectric Strength, Short Time | 40 | kV/mm | ASTM D 149 |
| Volume Resistivity | 1E14 | Ohm*cm | ASTM D 257 |

| Other properties | Value | Unit | Test Standard |
|-------------------------|--------------|-------------------|----------------------|
| Density | 1050 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|--|------------------|-------------|----------------------|
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 2 | h | - |
| Melt temperature | 190 - 230 | °C | - |
| Mold temperature | 60 - 80 | °C | - |

Characteristics

Processing

Injection Molding

Delivery form

White

Features

Homopolymer

Chemical Resistance

Solvent Resistance, Grease Resistance, Oil Resistance

Regional Availability

North America, Europe, South and Central America