

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|--------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 1.2 | g/10min | ASTM D 1238 |
| Temperature | 224 | °C | - |
| Load | 8.7 | kg | - |
| Mold Shrinkage, MD | 0.0065 | mm/mm | ASTM D 955 |
| Mold Shrinkage, TD | 0.0045 | mm/mm | ASTM D 955 |

| Mechanical properties | Value | Unit | Test Standard |
|----------------------------------|-------|----------------|---------------|
| ASTM Data | | | |
| Flexural Modulus | 68.95 | MPa | ASTM D 790 |
| Modulus at 100% Elongation | 9.72 | MPa | ASTM D 412 |
| Modulus at 300% Elongation | 20.3 | MPa | ASTM D 412 |
| Shore A Hardness | 92 | - | ASTM D 2240 |
| Tear Strength | 94.5 | kN/m | ASTM D 624 |
| Taber Abrasion Resistance | 50 | mg/1000 cycles | ASTM D 1044 |
| Compression Set , 22 hr @ 73 °F | 25 | % | ASTM D 395 |
| Compression Set , 22 hr @ 158 °F | 40 | % | ASTM D 395 |

| Thermal properties | Value | Unit | Test Standard |
|--------------------------------------|-------|-------|---------------|
| ASTM Data | | | |
| Coefficient of Thermal Expansion, MD | 156 | E-6/K | ASTM D 696 |
| Glass Transition Temperature | -27.2 | °C | ASTM E 1356 |
| Vicat Temperature | 102 | °C | ASTM D 1525 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 1140 | kg/m ³ | ASTM D 792 |

Characteristics

Processing

Other Extrusion, Blow Molding

Regional Availability

North America, Europe, Asia Pacific