

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 8 | g/10min | ISO 1133 |
| Temperature | 230 | °C | - |
| Load | 2.16 | kg | - |

| Mechanical properties | Value | Unit | Test Standard |
|--------------------------------|-------|------|---------------|
| ISO Data | | | |
| Stress at 100% elongation | 2.4 | MPa | ISO 527 |
| Strain at break TPE | >300 | % | ISO 527 |
| Compression set at 23 °C, 24h | 20 | % | ISO 815 |
| Compression set at 70 °C, 24h | 85 | % | ISO 815 |
| Compression set at 100 °C, 24h | 86 | % | ISO 815 |
| ASTM Data | | | |
| Shore A Hardness | 70 | - | ASTM D 2240 |
| Shore D Hardness | 18 | - | ASTM D 2240 |

| Thermal properties | Value | Unit | Test Standard |
|--|-------|------|----------------|
| ISO Data | | | |
| Melting temperature, 10°C/min | 163 | °C | ISO 11357-1/-3 |
| Glass transition temperature, 10°C/min | -35 | °C | ISO 11357-1/-2 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 900 | kg/m ³ | ISO 1183 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Mold temperature | 20 - 60 | °C | - |
| Feed temperature | 20 - 30 | °C | - |
| Zone 1 | 140 - 230 | °C | - |
| Nozzle temperature | 190 - 230 | °C | - |

Characteristics

Processing

Injection Molding, Other Extrusion

Delivery form

Pellets

Special Characteristics

Transparent, Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization, Gamma irradiation sterilization

Chemical Resistance

Oxidation Resistance, Radiation Resistance

Certifications

Medical Grade, Biocompatibility ISO 10993

Applications

Medical

Regional Availability

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