

P5M4R-034

PP

Invista

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|-------------------------------------|-------|---------|---------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 12 | g/10min | ASTM D 1238 |

| Mechanical properties | Value | Unit | Test Standard |
|-----------------------------|-------|------|--------------------------|
| ASTM Data | | | |
| Tensile Strength at Yield | 26 | MPa | ASTM D 638 |
| Elongation at Yield | 13 | % | ASTM D 638 |
| Flexural Modulus | 790 | MPa | ASTM D 790 |
| Rockwell Hardness | R 83 | - | ASTM D 785 |
| Gardner Impact | 26 | J | ASTM D 2794,4226,5420 |
| Izod Impact notched, 1/8 in | 40 | J/m | ASTM D 256 |

| Thermal properties | Value | Unit | Test Standard |
|---------------------|-------|------|---------------|
| ASTM Data | | | |
| DTUL @ 66 psi | 75 | °C | ASTM D 648 |
| Melting Temperature | 148 | °C | ASTM D 3418 |

| Other properties | Value | Unit | Test Standard |
|------------------|-------|-------------------|---------------|
| Density | 900 | kg/m ³ | ASTM D 792 |

| Processing Recommendation Injection Molding | Value | Unit | Test Standard |
|---|-----------|------|---------------|
| Melt temperature | 226 - 246 | °C | - |
| Mold temperature | 15 - 49 | °C | - |

Characteristics**Processing**

Injection Molding

Special Characteristics

Sterilizable, Ethylene Oxide (EtO) Sterilization, Steam sterilization, Gamma irradiation sterilization, Electron beam (e-beam) sterilization

Features

Copolymer, Random Copolymer

Chemical Resistance

Radiation Resistance

Certifications

Food contact, Food approval FDA 21 CFR, Medical Grade, US Pharmacopeia Class VI Approved, Drug Master File, RoHS compliant

Applications

Medical

Regional Availability

North America