

P4C6Z-059

PP

Invista

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|------------------|-------------------|-----------------------|
| ASTM Data | | | |
| Melt Flow Index, MFI | 35 | g/10min | ASTM D 1238 |
| Mechanical properties | | | |
| ASTM Data | | | |
| Tensile Strength at Yield | 37 | MPa | ASTM D 638 |
| Elongation at Yield | 8 | % | ASTM D 638 |
| Rockwell Hardness | R 110 | - | ASTM D 785 |
| Gardner Impact | 6 | J | ASTM D 2794,4226,5420 |
| Izod Impact notched, 1/8 in | 20 | J/m | ASTM D 256 |
| Thermal properties | | | |
| ASTM Data | | | |
| UL 94 Flame rating | HB | - | UL 94 |
| DTUL @ 66 psi | 105 | °C | ASTM D 648 |
| Melting Temperature | 162 | °C | ASTM D 3418 |
| Other properties | | | |
| Density | 900 | kg/m ³ | ASTM D 792 |
| Processing Recommendation Injection Molding | | | |
| Melt temperature | 200 - 228 | °C | - |
| Mold temperature | 15 - 49 | °C | - |

Characteristics**Processing**

Injection Molding

Features

Homopolymer

Certifications

Food contact, Food approval FDA 21 CFR, RoHS compliant

Applications

Medical

Regional Availability

North America