

FEATURES

- High Impact
- Medium Flow
- High Productivity
- Easy to Process
- FDA Rating: 21 CFR 177.1640

APPLICATIONS

- Extrusion Process
- Computer Cabinets
- Intricate Molds
- Blends with GPPS
- Thermoforming

PROPERTIES

| Physical | English | Value | Metric | Value | Test Method |
|---------------------------------|--------------------|--------------------|-------------------|--------------------|-------------|
| Melt Flow Rate (200°C/5.0 Kg) | g/10 min | 5 | g/10 min | 5 | ASTM D1238 |
| Density | lb/ft ³ | 65 | g/cm ³ | 1.04 | ASTM D792 |
| Mechanical | | | | | |
| Break Elongation | % | 50 | % | 50 | ASTM D638 |
| Tensile Modulus | Kpsi | 290 | MPa | 2,000 | ASTM D638 |
| Impact | | | | | |
| Notched Izod Impact (0.125 in) | ft-lbf/in | 2.1 | J/m | 110 | ASTM D256 |
| Ignition Characteristics | | | | | |
| Flammability | - | HB | - | HB | UL 94 |
| Thermal | | | | | |
| Vicat Temperature | °F | 176 | °C | 80 | ASTM D1525 |
| HDT @ 264 psi (unannealed) | °F | 160 | °C | 71 | ASTM D648 |

Properties reported in this data sheet are determined according to referred standard methods. Values shown represent averages from typical results measured in the laboratory and are provided only as a guide, not as specification limits.

INJECTION MOLDING CONDITIONS

| | °C | °F |
|------------|-----|-----|
| Zone 1 | 180 | 356 |
| Zone 2 | 190 | 374 |
| Zone 3 | 200 | 392 |
| Final Zone | 210 | 410 |
| Melt | 200 | 392 |

EXTRUSION CONDITIONS

| | °C | °F |
|------------------|-----|-----|
| Feeding zone | 80 | 176 |
| Initial Zone | 180 | 356 |
| Compression Zone | 190 | 374 |
| Transport Zone | 200 | 392 |
| Pumping Zone | 210 | 410 |
| Melt | 200 | 392 |

ADDITIONAL INFORMATION
Warning:

Combustion of this material may cause hazardous fumes and gases that may be dangerous to health, especially in enclosed places. It should be noted that excessive heating or long residence time may cause degradation or yellowing.

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