

RamShine PV1001NT

ABS

Polyram

| Processing/Physical Characteristics | Value | Unit | Test Standard |
|--|-----------|-------------------|---------------|
| ISO Data | | | |
| Melt flow index, MFI | 19 | g/10min | ISO 1133 |
| Temperature | 220 | °C | - |
| Load | 10 | kg | - |
| Mechanical properties | | | |
| ISO Data | | | |
| Tensile Modulus | 2300 | MPa | ISO 527 |
| Tensile Strength | 45 | MPa | ISO 527 |
| Yield strain | 2.6 | % | ISO 527 |
| Izod notched impact strength, +23°C | 26 | kJ/m ² | ISO 180/1A |
| Izod notched impact strength | 8 | kJ/m ² | ISO 180/1A |
| Temperature | -30 | °C | - |
| Thermal properties | | | |
| ISO Data | | | |
| Temp. of deflection under load, 1.80 MPa | 80 | °C | ISO 75-1/-2 |
| Temp. of deflection under load, 0.45 MPa | 92 | °C | ISO 75-1/-2 |
| Other properties | | | |
| Density | 1040 | kg/m ³ | ISO 1183 |
| Processing Recommendation Injection Molding | | | |
| Pre-drying - Temperature | 80 | °C | - |
| Pre-drying - Time | 2 - 4 | h | - |
| Processing humidity | ≤0.1 | % | - |
| Mold temperature | 40 - 80 | °C | - |
| Feed temperature | 60 - 70 | °C | - |
| Zone 1 | 200 - 220 | °C | - |
| Zone 2 | 200 - 220 | °C | - |
| Zone 3 | 210 - 240 | °C | - |

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Certifications

RoHS compliant

Applications

General Purpose

Regional Availability

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