

WPP PP JOSB26287

Polypropylene Impact Copolymer

Washington Penn Plastic Co. Inc.

Message:

Properties shown below for a medium impact polypropylene copolymer.

| General Information | | | |
|--|-------------------------------|-------------------|-------------|
| Features | Rigid, good | | |
| | Impact copolymer | | |
| | Medium impact resistance | | |
| Uses | Parts under the hood of a car | | |
| | Automotive exterior parts | | |
| Appearance | Available colors | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.910 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 9.0 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength ¹ (Yield) | 19.0 | MPa | ASTM D638 |
| Tensile Elongation ² (Break) | 680 | % | ASTM D638 |
| Flexural Modulus ³ | 860 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 620 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 89.0 | °C | ASTM D648 |
| Additional Information | | | |
| Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted | | | |
| NOTE | | | |
| 1. | 50 mm/min | | |
| 2. | 50 mm/min | | |
| 3. | 1.3 mm/min | | |

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