

WPP351-Natural

An unfilled injection molding grade polypropylene copolymer

TYPICAL APPLICATIONS:

Various

Product Description:

The properties shown below are typical for a high impact polypropylene copolymer. This basic product satisfies the needs of many applications.

**Approved To: MS-DB500 CPN 4919, CPN 4017
MS.50042 MS-DB500 CPN 5182
WSS-M4D638-C**

Features and Options:

- High melt flow for filling large parts
- Good balance of stiffness and impact strength
- Tested at $23 \pm 2^\circ\text{C}$ ($73.4 \pm 3.6^\circ\text{F}$) and $50 \pm 10\%$ relative humidity unless otherwise noted.

Physical Properties	Typical Values*	Test Method
Melt Flow	20 g/10min	ISO 1133
Density	0.89 g/cm ³	ISO 1183
Notched Izod Impact @ 23°C	42 kJ/m ²	ISO 180
Notched Izod Impact @ -40°C	6 kJ/m ²	ISO 180
Notched Charpy Impact @ 23°C	45 kJ/m ²	ISO 179
Tensile Strength @ Yield (50mm/minute)	18 MPa	ISO 527
Tensile Elongation @ Yield (50mm/minute)	5%	ISO 527
Tensile Modulus (1mm/minute)	970 MPa	ISO 527
Flexural Modulus (2mm/minute)	900 MPa	ISO 178
Deflection Temperature @ 1820 KPa	51°C	ISO 75

NOTE: Custom colors available upon request.

* Values given are typical and should not be interpreted as product specification. To obtain values for specific application purposes, contact your Washington Penn Plastic representative.

The results reported are typical and based on reliable testing procedures. However, due to variable processing methods and conditions, no guarantees or warranties are expressed or implied, including expressions of fitness for purpose or merchantability. No recommendations are made to infringe on patents.