

**Washington Penn Plastic Co., Inc.**

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# PPC3TF1.3-Natural

A talc filled injection molding grade polypropylene copolymer.

**TYPICAL APPLICATIONS:**

HVAC components, automotive interior-trim, and various other applications.

**Product Description:**

The properties shown below are typical for a talc filled copolymer. This basic product satisfies the needs of many applications.

**Approved To: GMP.PP.067  
WSB-M4D841-A3**

**Features and Options:**

- Custom colors available.
- Excellent balance of stiffness and impact.
- Great dimensional stability.
- Tested at  $23 \pm 2^{\circ}\text{C}$  ( $73.4 \pm 3.6^{\circ}\text{F}$ ) and  $50 \pm 5\%$  relative humidity unless otherwise noted

Physical Properties	Typical Values*	Test Method
Melt Flow	16 g/10min	ASTM D1238 ISO 1133
Filler Content	13%	ASTM D5630 ISO 3451
Density	0.99 g/cm <sup>3</sup>	ASTM D792 ISO 1183
<b>ASTM Properties</b>		
Notched Izod Impact @ 23°C	29 J/m	ASTM D256
Tensile Strength @ Yield (50mm/minute)	35 MPa	ASTM D638
Flexural Modulus (1.27mm/minute)	2,100 MPa	ASTM D790
Deflection Temperature @ 66psi	127°C	ASTM D648
<b>ISO Properties</b>		
Notched Izod Impact @ 23°C	3 kJ/m <sup>2</sup>	ISO 180
Notched Izod Impact @ -15°C	2.1 kJ/m <sup>2</sup>	ISO 180
Notched Izod Impact @ -40°C	2 kJ/m <sup>2</sup>	ISO 180
Tensile Strength @ Yield (50mm/minute)	36 MPa	ISO 527
Flexural Modulus (2 mm/minute)	2,200 MPa	ISO 178
Deflection Temperature @ 1820 KPa 455 KPa	72°C 119°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.