

WPP PP PRC25TF3.2-Black

Polypropylene Homopolymer
Washington Penn Plastic Co. Inc.

Message:

WPP PRC25TF3.2-Black is a polypropylene homopolymer (PP Homopoly) product, which contains 32% talc filler. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: automotive industry.

Features include:

- environmental protection/green
- Homopolymer
- heat stabilizer

General Information			
Filler / Reinforcement	Talc filler, 32% filler by weight		
Additive	heat stabilizer		
Recycled Content	Yes, 25%		
Features	Low Halogen Content		
	Homopolymer		
	Thermal Stability		
Uses	Parts under the hood of a car		
	Application in Automobile Field		
Appearance	Black		
	Available colors		
Physical	Nominal Value	Unit	Test Method
Density	1.16	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/5
Tensile Strain (Yield)	7.0	%	ISO 527-2/5
Flexural Modulus - Tangent ¹	3100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-40°C	2.0	kJ/m ²	ISO 180
23°C	3.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	129	°C	ISO 75-2/B
1.8 MPa, not annealed	83.0	°C	ISO 75-2/A
Additional Information			

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.

NOTE

1. 2.0 mm/min

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