

WPP PP PRC25TF4-Black B46211

Polypropylene Homopolymer
Washington Penn Plastic Co. Inc.

Message:

WPP PP PRC25TF4-Black B46211 is a polypropylene homopolymer (PP Homopoly) product, which contains 39% 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

Heat resistance

Hard

soft

General Information			
Filler / Reinforcement	Talc filler, 39% filler by weight		
Recycled Content	Yes, 25%		
Features	Rigidity, high		
	Good liquidity		
	Good heat aging resistance		
	Heat resistance, high		
	ductility		
Uses	Application in Automobile Field		
	Car interior parts		
	Automotive exterior parts		
Appearance	Black		
	Available colors		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	29.0	MPa	ISO 527-2/5
Tensile Strain (Break)	8.0	%	ISO 527-2/5
Flexural Modulus ¹	4100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	1.5	kJ/m ²	ISO 179
Notched Izod Impact			ISO 180
-40°C	2.0	kJ/m ²	ISO 180
23°C	2.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature			
0.45 MPa, not annealed	131	°C	ISO 75-2/B
1.8 MPa, not annealed	87.0	°C	ISO 75-2/A
1.8 MPa, not annealed	84.0	°C	ISO 75-2/Af

Additional Information

Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.

NOTE


1. 2.0 mm/min

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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