

WPP PP PRC25TF4HF-Black

Polypropylene Homopolymer
Washington Penn Plastic Co. Inc.

Message:

WPP PP PRC25TF4HF-Black is a Polypropylene Homopolymer (PP Homopolymer) product filled with 40% talc. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Automotive.
Characteristics include:
Eco-Friendly/Green
Heat Stabilizer
Homopolymer

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Additive	Heat Stabilizer		
Recycled Content	Yes,25%		
Features	Heat Stabilized		
	Homopolymer		
Uses	Automotive Applications		
Appearance	Black		
	Colors Available		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	32.4	MPa	ASTM D638
Tensile Elongation ² (Break)	13	%	ASTM D638
Flexural Modulus - Tangent ³	3790	MPa	ASTM D790
Flexural Strength ⁴	51.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C, 3.18 mm	21	J/m	
23°C, 3.18 mm	29	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	125	°C	
1.8 MPa, Unannealed	85.0	°C	

NOTE	
1.	51 mm/min
2.	51 mm/min
3.	1.3 mm/min
4.	1.3 mm/min

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