

# WPP PP PRC25TF4-Black B46051

Polypropylene Homopolymer  
Washington Penn Plastic Co. Inc.

Message:

WPP PP PRC25TF4-Black B46051 is a polypropylene homopolymer (PP Homopoly) product, which contains 43% 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
- Good UV resistance
- good weather resistance
- heat stabilizer

General Information	
Filler / Reinforcement	Talc filler, 43% filler by weight
Additive	heat stabilizer
	UV stabilizer
Recycled Content	Yes, 25%
Features	Homopolymer
	Good UV resistance
	Good weather resistance
	Thermal Stability
Uses	Application in Automobile Field
	Automotive exterior parts
Appearance	Black
	Available colors

Physical	Nominal Value	Unit	Test Method
Density	1.26	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	29.0	MPa	ISO 527-2/5
Flexural Modulus <sup>1</sup>	4200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-40°C	2.0	kJ/m <sup>2</sup>	ISO 180
23°C	2.5	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			

0.45 MPa, not annealed	132	°C	ISO 75-2/B
1.8 MPa, not annealed	89.0	°C	ISO 75-2/A
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

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