

WPP PP PPH2CF2-Black

Polypropylene Homopolymer
Washington Penn Plastic Co. Inc.

Message:

Properties shown below for this compound are typical for a calcium-filled polypropylene homopolymer. This product satisfies many application needs. Special compounds are available to meet application requirements

General Information			
Filler / Reinforcement	Calcium carbonate filler, 20% filler by weight		
Features	Homopolymer		
	Workability, good		
Uses	Industrial application		
	Consumer goods application field		
Appearance	Black		
	Available colors		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	26.0	MPa	ASTM D638
Tensile Elongation ² (Break)	490	%	ASTM D638
Flexural Modulus ³	1400	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	97.0	°C	ASTM D648
1.8 MPa, not annealed	59.0	°C	ASTM D648
Additional Information			
Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.			
NOTE			
1.	51 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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Recommended distributors for this material

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