

WPP PP PPC3MF1.5-Black

Polypropylene Copolymer
Washington Penn Plastic Co. Inc.

Message:

Properties shown below for this filled blend are typical for a 15% mica reinforced polypropylene copolymer. This product satisfies many application needs. Special compounds are available.

General Information			
Filler / Reinforcement	Mica filler, 15% filler by weight		
Additive	heat stabilizer		
Features	Copolymer		
	Heat resistance, high		
	Thermal Stability		
Uses	Application in Automobile Field		
Appearance	Black		
	Available colors		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	30.0	MPa	ASTM D638
Flexural Modulus ²	2300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.0	°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.	50 mm/min		
2.	1.3 mm/min		

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