

WPP PP PRC25MG3-Black

Polypropylene Homopolymer
Washington Penn Plastic Co. Inc.

Message:

Properties shown below for this filled blend are typical for a 30% mica and glass fiber reinforced polypropylene homopolymer. This product satisfies many application needs. Special compounds are available.

General Information	
Filler / Reinforcement	Glass\Mica,30% Filler by Weight
Additive	Heat Stabilizer
Recycled Content	Yes
Features	Good Heat Aging Resistance
	Heat Stabilized
	Homopolymer
Uses	Automotive Applications
Appearance	Black
	Colors Available

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			
Yield	64.0	MPa	ISO 527-2/5
Yield	70.0	MPa	ISO 527-2/50
Tensile Strain (Break)	8.0	%	ISO 527-2/50
Flexural Modulus ¹	5200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179
Notched Izod Impact Strength			ISO 180
-40°C	4.5	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	157	°C	ISO 75-2/B
1.8 MPa, Unannealed	142	°C	ISO 75-2/A
1.8 MPa, Unannealed	139	°C	ISO 75-2/Af
NOTE			
1.	2.0 mm/min		

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