

WPP PP PPH2MF1-Black

Polypropylene Homopolymer
Washington Penn Plastic Co. Inc.

Message:

WPP PP PPH2MF1-Black is a polypropylene homopolymer (PP Homopoly) product, which contains 12% mica 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:

- Homopolymer
- Good UV resistance
- heat stabilizer
- UV stability

General Information			
Filler / Reinforcement	Mica filler, 12% filler by weight		
Additive	heat stabilizer		
	UV stabilizer		
Features	Homopolymer		
	Good UV resistance		
	Thermal Stability		
Uses	Application in Automobile Field		
	Automotive exterior parts		
Appearance	Black		
	Available colors		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.978	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	34.0	MPa	ASTM D638
Yield	34.0	MPa	ISO 527-2/50
Flexural Modulus			
-- ²	2500	MPa	ASTM D790
-- ³	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.5	kJ/m ²	ISO 179
Notched Izod Impact (23°C)	34	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load			
1.8 MPa, not annealed	75.0	°C	ASTM D648
1.8 MPa, not annealed	74.0	°C	ISO 75-2/Af

Additional Information

Material is tested at 73 ± 3°F and 50 ± 5% Relative Humidity unless otherwise noted.

NOTE


1.	50 mm/min
2.	1.3 mm/min
3.	2.0 mm/min

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