

WPP PP PPC4TF1.3-Black

Polypropylene Copolymer
Washington Penn Plastic Co. Inc.

Message:

WPP PP PPC4TF1.3-Black is a polypropylene copolymer (PP Copoly) product, which contains 13% 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:

- low gloss
- Copolymer
- Good UV resistance
- scratch resistance
- Heat resistance

General Information	
Filler / Reinforcement	Talc filler, 13% filler by weight
Additive	heat stabilizer
	UV stabilizer
Features	Copolymer
	Gloss, low
	High scratch resistance
	Good UV resistance
	Heat resistance, medium
Uses	Car interior parts
Appearance	Black
	Available colors

Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	25.0	MPa	ISO 527-2/50
Fracture	25.0	MPa	ISO 527-2/50
Flexural Modulus ¹	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-40°C	3.0	kJ/m ²	ISO 180
-15°C	3.5	kJ/m ²	ISO 180
23°C	5.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature			
0.45 MPa, not annealed	118	°C	ISO 75-2/B
1.8 MPa, not annealed	64.0	°C	ISO 75-2/A
1.8 MPa, not annealed	60.0	°C	ISO 75-2/Af

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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