

WPP PP PPC4TF1.3-Natural

Polypropylene Copolymer
Washington Penn Plastic Co. Inc.

Message:

WPP PP PPC4TF1.3-Natural 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

General Information			
Filler / Reinforcement	Talc filler, 13% filler by weight		
Features	Copolymer		
	Gloss, low		
	Good UV resistance		
	Scratch resistance		
	Thermal Stability		
Uses	Application in Automobile Field		
	Car interior equipment		
Appearance	Available colors		
	Natural color		
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
Charpy Notched Impact Strength (23°C)	4.5	kJ/m ²	ISO 179
Notched Izod Impact			ISO 180
-40°C	3.0	kJ/m ²	ISO 180
-15°C	3.3	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	120	°C	ISO 75-2/B
1.8 MPa, not annealed	65.0	°C	ISO 75-2/A
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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