

WPP PP PPC2GF4-Natural

Polypropylene Copolymer
Washington Penn Plastic Co. Inc.

Message:
Properties shown below for this filled blend are typical for a 43% fiberglass reinforced polypropylene copolymer.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 43% filler by weight		
Features	Good dimensional stability		
	Rigid, good		
	High tensile strength		
	Copolymer		
Uses	Application in Automobile Field		
	Consumer goods application field		
Appearance	Available colors		
	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	67.0	MPa	ASTM D638
Flexural Modulus ²	6200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Multi-Axial Instrumented Impact Energy (-30°C)	9.00	J	GM 9300P
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	145	°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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