



WPP PP PPC2GF4-Natural

Washington Penn Plastic Co. Inc. - Polypropylene Copolymer

Wednesday, October 9, 2019

General Information

Product Description

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

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Glass Fiber, 43% Filler by Weight		
Features	• Copolymer • Good Dimensional Stability	• Good Stiffness • High Tensile Strength	
Uses	• Automotive Applications	• Consumer Applications	
Appearance	• Colors Available	• Natural Color	
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / 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 ² (Break)	67.0	MPa	ASTM D638
Flexural Modulus ³	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.

Notes

¹ Typical properties: these are not to be construed as specifications.

² 50 mm/min

³ 1.3 mm/min