

# WPP PP PPC2GF4-Natural

Washington Penn Plastic Co. Inc. - Polypropylene Copolymer

Tuesday, January 21, 2020

## 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 <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24	g/cm <sup>3</sup>	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 <sup>2</sup> (Break)	67.0	MPa	ASTM D638
Flexural Modulus <sup>3</sup>	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

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 50 mm/min

<sup>3</sup> 1.3 mm/min