



# WPP PP PPH2CF2P-Natural

Washington Penn Plastic Co. Inc. - Polypropylene Homopolymer

Wednesday, October 9, 2019

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Calcium Carbonate, 21% Filler by Weight		
Features	• Good Processability	• Homopolymer	
Uses	• Consumer Applications	• Industrial Applications	
Appearance	• Colors Available	• Natural Color	

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>2</sup> (Yield)	29.6	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	10	%	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	130	%	ASTM D638
Flexural Modulus <sup>3</sup>	2240	MPa	ASTM D790
Flexural Strength <sup>3</sup>	54.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Instrumented Dart Impact (23°C)	35.0	J	ASTM D3763

### 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> 51 mm/min

<sup>3</sup> 13 mm/min