



# WPP PP PPC6TF2 UV 848

Washington Penn Plastic Co. Inc. - Polypropylene Copolymer

Wednesday, October 9, 2019

## General Information

### General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Talc, 20% Filler by Weight		
Additive	• UV Stabilizer		
Features	• Copolymer	• UV Resistant	
Uses	• Automotive Applications		
Appearance	• Colors Available		

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

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2400	MPa	ISO 527-2/1
Tensile Stress (Yield)	29.0	MPa	ISO 527-2/50
Flexural Modulus <sup>2</sup>	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.0	kJ/m <sup>2</sup>	ISO 179
Notched Izod Impact Strength			ISO 180
-40°C	2.0	kJ/m <sup>2</sup>	
23°C	3.0	kJ/m <sup>2</sup>	
Instrumented Dart Impact			ASTM D3763
-10°C	3.00	J	
23°C	2.00	J	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	123	°C	ISO 75-2/B

### 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> 2.0 mm/min