



WPP PP PPC3TF3-Black

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, 30% Filler by Weight		
Additive	• Heat Stabilizer		
Features	• Copolymer	• Heat Stabilized	
Uses	• Automotive Applications	• Automotive Interior Trim	
Appearance	• Black	• Colors Available	
Processing Method	• Injection Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	26.9	MPa	ISO 527-2/50
Flexural Modulus - Secant ²	3240	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	1.7	kJ/m ²	ISO 180
Instrumented Dart Impact (23°C)	1.02	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Annealed)	129	°C	ISO 75-2/A

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 13 mm/min