

# WPP PP PPC3TF3-Black

Polypropylene Copolymer

Washington Penn Plastic Co. Inc.

## Message:

WPP PP PPC3TF3-Black is a polypropylene copolymer (PP Copoly) product, which contains 30% talc filler. It can be processed by injection molding and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. Typical application areas are: automotive industry. Features include:  
Copolymer  
heat stabilizer

General Information			
Filler / Reinforcement	Talc filler, 30% filler by weight		
Additive	heat stabilizer		
Features	Copolymer		
	Thermal Stability		
Uses	Application in Automobile Field		
	Car interior equipment		
Appearance	Black		
	Available colors		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.13	g/cm <sup>3</sup>	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 <sup>1</sup>	3240	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	1.7	kJ/m <sup>2</sup>	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.			
NOTE			
1.	13 mm/min		

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