

WPP PP PPC5TF4-Black

Polypropylene Copolymer

Washington Penn Plastic Co. Inc.

Message:

WPP PP PPC5TF4-Black is a polypropylene copolymer (PP Copoly) product, which contains 40% talc filler. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. WPP PPC5TF4-Black applications include the automotive industry, electrical appliances and consumer goods.

Features include:

Homopolymer

heat stabilizer

General Information	
Filler / Reinforcement	Talc filler, 40% filler by weight
Additive	heat stabilizer
Features	Homopolymer
	Thermal Stability
Uses	Electrical appliances
	Application in Automobile Field
	Toys
Appearance	Black
	Available colors

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	27.0	MPa	ASTM D638
Tensile Elongation ² (Break)	10	%	ASTM D638
Flexural Modulus ³	4300	MPa	ASTM D790
Flexural Strength ⁴ (Yield)	45.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	148	°C	ASTM D648

Additional Information	
Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted	
NOTE	
1.	50 mm/min

2.	50 mm/min
3.	30 mm/min
4.	30 mm/min

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