

# WPP PP PPH3CF3.5-Black

Polypropylene Homopolymer  
Washington Penn Plastic Co. Inc.

Message:

WPP PPH3CF3.5-Black is a polypropylene homopolymer (PP Homopoly) product, which contains 35% calcium carbonate filler. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. WPP PPH3CF3.5-Black's applications include electrical appliances, home applications and the automotive industry.

Features include:

- Homopolymer
- Good UV resistance
- Good flexibility
- UV stability

General Information			
Filler / Reinforcement	Calcium carbonate filler, 35% filler by weight		
Additive	UV stabilizer		
Features	Homopolymer		
	Good UV resistance		
	Good flexibility		
Uses	Electrical appliances		
	Household goods		
	Application in Automobile Field		
Appearance	Black		
	Available colors		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>			ASTM D638
Yield	26.2	MPa	ASTM D638
Fracture	18.6	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Yield)	7.0	%	ASTM D638
Flexural Modulus <sup>3</sup>	2890	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	53	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	45.6	°C	ASTM D648
Additional Information			

Tested at  $23 \pm 2^{\circ}\text{C}$  ( $73.4 \pm 3.6^{\circ}\text{F}$ ) and  $50 \pm 5\%$  relative humidity unless otherwise noted

#### NOTE

1.	51 mm/min
2.	51 mm/min
3.	5.1 mm/min

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#### Recommended distributors for this material

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