

WPP PP PPH3GF3-UV Black

Polypropylene

Washington Penn Plastic Co. Inc.

Message:

Properties shown below for this filled blend are typical for a 30% fiberglass reinforced polypropylene compound.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	UV stabilizer		
Features	Good dimensional stability		
	Rigidity, high		
	High tensile strength		
	Good UV resistance		
	Medium liquidity		
Uses	Industrial application		
	Consumer goods application field		
Appearance	Black		
	Available colors		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	89.6	MPa	ASTM D638
Flexural Modulus - Secant ²	5990	MPa	ASTM D790
Flexural Strength ³	154	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	158	°C	ASTM D648
1.8 MPa, not annealed	149	°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.	51 mm/min		

2.	13 mm/min
3.	13 mm/min

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Recommended distributors for this material

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