

WPP PP PPH4GF4-Black

Polypropylene Homopolymer
Washington Penn Plastic Co. Inc.

General		
Material Status	• Commercial: Active	
Availability	• North America	
Filler / Reinforcement	• Glass Fiber Reinforcement, 40% Filler by Weight	
Features	• Chemically Coupled • High Flow	• High Stiffness • High Strength
Appearance	• Black	
Forms	• Pellets	
Multi-Point Data	• Tensile Stress vs. Strain (ASTM D638)	

Physical	Nominal Value Unit	Test Method
Specific Gravity	1.23 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0 g/10 min	ASTM D1238

Mechanical	Nominal Value Unit	Test Method
Tensile Strength (Yield)	96.5 MPa	ASTM D638
Flexural Modulus - Tangent	6890 MPa	ASTM D790

Impact	Nominal Value Unit	Test Method
Notched Izod Impact (23°C)	85 J/m	ASTM D256

Thermal	Nominal Value Unit	Test Method
Deflection Temperature Under Load		ASTM D648
0.45 MPa, Unannealed	157 °C	
1.8 MPa, Unannealed	143 °C	

Notes

¹ Typical properties: these are not to be construed as specifications.