

WPP PP PPH3TF4-Black

Washington Penn Plastic Co. Inc. - Polypropylene Homopolymer

Wednesday, October 9, 2019

General Information

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Filler / Reinforcement	• Talc, 40% Filler by Weight		
Additive	• Carbon Black	• Heat Stabilizer	
Features	• Filled • Heat Aging Resistant	• Heat Stabilized • Homopolymer	• UV Resistant
Appearance	• Black	• Colors Available	

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.23	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Yield)	2.5	%	ASTM D638
Tensile Elongation (Break)	6.6	%	ASTM D638
Flexural Modulus - Tangent	3440	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	24	J/m	
23°C	27	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	133	°C	ASTM D648
Deflection Temperature Under Load 1.8 MPa, Unannealed	86.0	°C	ASTM D648

Notes

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