

# WPP PP PPH3TF4-Black

Polypropylene Homopolymer  
Washington Penn Plastic Co. Inc.

Message:

WPP PP PPH3TF4-Black is a Polypropylene Homopolymer (PP Homopolymer) product filled with 40% talc. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Automotive.

Characteristics include:

- Carbon Black
- Good UV Resistance
- Heat Resistant
- Heat Stabilizer
- Homopolymer

General Information			
Filler / Reinforcement	Talc,40% Filler by Weight		
Additive	Carbon Black Heat Stabilizer		
Features	Filled  Good Heat Aging Resistance  Good UV Resistance  Heat Stabilized  Homopolymer		
Appearance	Black  Colors Available		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm <sup>3</sup>	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			ASTM D638
Yield	2.5	%	
Break	6.6	%	
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			ASTM D648

0.45 MPa, Unannealed	133	°C
1.8 MPa, Unannealed	86.0	°C

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Recommended distributors for this material


## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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