

WPP PP PPHIFR

Polypropylene Homopolymer
Washington Penn Plastic Co. Inc.

Message:

WPP PP PPHIFR is a Polypropylene Homopolymer (PP Homopolymer) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of WPP PP PPHIFR include appliances and electrical/electronic applications.

Characteristics include:

Flame Retardant
Impact Modified
Impact Resistant

General Information			
Additive	Flame Retardant		
	Impact Modifier		
Features	Flame Retardant		
	Good Impact Resistance		
	Impact Modified		
Uses	Appliances		
	Electrical Parts		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.948	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	1.3	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.5 to 2.0	%	ASTM D955
Water Absorption (24 hr)	0.030	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	30.3	MPa	ASTM D638
Tensile Elongation (Break)	25	%	ASTM D638
Flexural Modulus	1310	MPa	ASTM D790
Flexural Strength (Yield)	45.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.18 mm	48	J/m	
23°C, 6.35 mm	37	J/m	
Gardner Impact (23°C)	0.904	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	87.8	°C	
1.8 MPa, Unannealed	54.4	°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

