

WPP PP UP4I203 - Natural

Polypropylene Homopolymer

Washington Penn Plastic Co. Inc.

Message:

Talc filled polypropylene homopolymer
Long term heat aging stabilization package
UL RTI of 120°C
UL 94 HB Flame Rating
UL listed for use in laundry equipment

General Information			
UL YellowCard	E71070-267184		
Filler / Reinforcement	Talc filler, 21% filler by weight		
Additive	heat stabilizer		
Features	Homopolymer Good heat aging resistance Fill		
Uses	Electrical appliances		
Appearance	Available colors Natural color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	35.2	MPa	ASTM D638
Flexural Modulus - Chord	3100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	127	°C	ASTM D648
1.8 MPa, not annealed	73.9	°C	ASTM D648
RTI Elec	120	°C	UL 746
RTI Imp	120	°C	UL 746
RTI	120	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
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

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