

WPP PP PPC4FR1-Black

Polypropylene

Washington Penn Plastic Co. Inc.

Message:

The properties below are typical for a flame-retardant polypropylene compound.

General Information			
Additive	Flame retardancy		
Features	Rigid, good		
	Impact resistance, good		
	Workability, good		
	Flame retardancy		
Uses	Application in Automobile Field		
Appearance	Black		
	Available colors		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	24.0	MPa	ASTM D638
Flexural Modulus ²	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	72	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	103	°C	ASTM D648
Additional Information			
Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.			
NOTE			
1.	500 mm/min		
2.	1.3 mm/min		

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