

WPP PP JOSB26529-Black

Polypropylene Impact Copolymer

Washington Penn Plastic Co. Inc.

Message:

Properties shown below for a medium impact polypropylene copolymer.

General Information			
Filler / Reinforcement	Filler, 0.60% filler by weight		
Features	Rigid, good		
	Impact copolymer		
	Medium impact resistance		
Uses	Parts under the hood of a car		
	Application in Automobile Field		
Appearance	Black		
	Available colors		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792, ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield ¹	23.0	MPa	ASTM D638
Yield ²	24.0	MPa	ASTM D638
Yield	26.0	MPa	ISO 527-2/50
Flexural Modulus			
-- ³	940	MPa	ASTM D790
-- ⁴	1100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179
Multi-Axial Instrumented Impact Energy (-30°C)	55.0	J	GM 9300P
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
0.45 MPa, not annealed	85.0	°C	ASTM D648
1.8 MPa, not annealed	53.0	°C	ISO 75-2/A
Additional Information			
Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted.			

NOTE	
1.	50 mm/min
2.	500 mm/min
3.	1.3 mm/min
4.	2.0 mm/min

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