



WPP PP JOSB26220-Black

Washington Penn Plastic Co. Inc. - Polypropylene Impact Copolymer

Friday, September 20, 2019

General Information

Product Description

A medium impact polypropylene copolymer.

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Good Stiffness	• Impact Copolymer	• Medium Impact Resistance
Uses	• Automotive Applications	• Automotive Under the Hood	
Appearance	• Black	• Colors Available	
Forms	• Pellets		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	23.0	MPa	ASTM D638
Flexural Modulus ³	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Multi-Axial Instrumented Impact Energy (-30°C)	52.0	J	GM 9300P
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	99.0	°C	ASTM D648

Additional Information

Tested at 23 ± 2°C (73.4 ± 3.6°F) and 50 ± 5% relative humidity unless otherwise noted

Notes

¹ Typical properties: these are not to be construed as specifications.

² 50 mm/min

³ 1.3 mm/min