

# WPP PP M 2097-001

Polypropylene Impact Copolymer

Washington Penn Plastic Co. Inc.

## Message:

Properties shown below for an extrusion grade high-impact copolymer polypropylene.

General Information			
Features	Rigid, good		
	Copolymer		
	Impact resistance, high		
Appearance	Available colors		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	25.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	300	%	ASTM D638
Flexural Modulus <sup>3</sup>	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	450	J/m	ASTM D256
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			
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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