

## PolyOne Maxxam™ DP-9162-3 Polypropylene, Unspecified (PP, Unspecified)

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

PolyOne's Maxxam™ family of polypropylene- and polyethylene-based products covers a wide range of applications, markets and performance requirements. Standard grades are compounded with calcium carbonate, glass and talc to provide a desired balance of properties including stiffness, durability, impact resistance and heat resistance. Custom grades are available with features such as UV stabilizers, heat stabilizers, custom color, high impact, etc. Information provided by PolyOne

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Maxxam-DP-9162-3-Polypropylene-Unspecified-PP-Unspecified.php](http://www.lookpolymers.com/polymer_PolyOne-Maxxam-DP-9162-3-Polypropylene-Unspecified-PP-Unspecified.php)

Physical Properties	Metric	English	Comments
Melt Flow	34 g/10 min @Load 2.16 kg, Temperature 230 °C	34 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.2 MPa	3800 psi	Type I, 51 mm/min; ASTM D638
Tensile Modulus	1.17 GPa	170 ksi	Type I, 51 mm/min; ASTM D638
Izod Impact, Notched	0.270 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	0.506 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Injection Molded; ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	68.3 °C @Thickness 3.18 mm	155 °F @Thickness 0.125 in	Unannealed; ASTM D648

Processing Properties	Metric	English	Comments
Mold Temperature	16.0 - 50.0 °C	60.8 - 122 °F	

Descriptive Properties	Value	Comments
Features	General Purpose	
Forms	Pellets	
Generic Material	PP, Unspecified	
Generic Name	Polypropylene, Unspecified (PP, Unspecified)	
Processing Method	Injection Molding	

Descriptive Properties	Value & Middle East	Comments
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Construction Applications	
	Consumer Applications	
	General Purpose	
	Industrial Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

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