

## PolyOne Maxxam™ DP-9156-5-8000 Polypropylene Copolymer (PP Copolymer)

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

### 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-9156-5-8000-Polypropylene-Copolymer-PP-Copolymer.php](http://www.lookpolymers.com/polymer_PolyOne-Maxxam-DP-9156-5-8000-Polypropylene-Copolymer-PP-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.958 g/cc	0.958 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.0030 - 0.0060 cm/cm	0.0030 - 0.0060 in/in	ASTM D955
Melt Flow	5.0 g/10 min @Load 2.16 kg, Temperature 230 °C	5.0 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.1 MPa	4800 psi	Type I, 51 mm/min; ASTM D638
Elongation at Break	20 %	20 %	Type I, 51 mm/min; ASTM D638
Flexural Strength	40.0 MPa	5800 psi	ASTM D790
Flexural Modulus	1.52 GPa	220 ksi	ASTM D790
Izod Impact, Notched	2.70 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	5.06 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Injection Molded; ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	140 °C @Thickness 3.18 mm	284 °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
Appearance	Black	

Descriptive Properties	Value	ically Coupled	Comments
	Copolymer		
	General Purpose		
Filler / Reinforcement	Glass Fiber Reinforcement, 10% Filler by Weight		
Forms	Pellets		
Generic Material	PP Copolymer		
Generic Name	Polypropylene Copolymer (PP Copolymer)		
Processing Method	Injection Molding		
Regional Availability	Africa & Middle East		
	Asia Pacific		
	Europe		
	North America		
	South America		
Uses	Automotive Applications		
	Construction Applications		
	Consumer Applications		
	General Purpose		
	Industrial Applications		

## Contact Songhan Plastic Technology Co.,Ltd.

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