

PolyOne Maxxam™ DP-8928-2-1000 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-8928-2-1000-Polypropylene-Unspecified-PP-Unspecified.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	7.3 g/10 min	7.3 g/10 min	Procedure A; ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	53.1 MPa	7700 psi	Type I, 51 mm/min; ASTM D638
Elongation at Break	10 %	10 %	Type I, 51 mm/min; ASTM D638
Flexural Strength	72.4 MPa	10500 psi	ASTM D790
Flexural Modulus	2.59 GPa	376 ksi	ASTM D790
Izod Impact, Notched	1.50 J/cm	2.81 ft-lb/in	Injection Molded; ASTM D256A
	@Thickness 3.18 mm, Temperature 23.0 °C	@Thickness 0.125 in, Temperature 73.4 °F	
Gardner Impact	12.4 J	9.15 ft-lb	ASTM D3029
	@Thickness 3.18 mm, Temperature -23.0 °C	@Thickness 0.125 in, Temperature -9.40 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	157 °C	315 °F	Unannealed; ASTM D648
	@Thickness 3.18 mm	@Thickness 0.125 in	

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

Descriptive Properties	Value	Comments
Additive	Impact Modifier	
Appearance	Natural Color	
Features	Chemically Coupled	
	Impact Modified	
Filler / Reinforcement	Glass Fiber Reinforcement	
	Unspecified FillerReinfor., 20% Filler by Weight	
Forms	Pellets	
Generic Material	PP, Unspecified	
Generic Name	Polypropylene, Unspecified (PP, Unspecified)	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

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