

PolyOne Maxxam™ FR PP H6 GF25 NHFR grey Polypropylene, Unspecified (PP, Unspecified)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Maxxam-FR-PP-H6-GF25-NHFR-grey-Polypropylene-Unspecified-PP-Unspecified.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Melt Flow	1.4 g/10 min @Load 2.16 kg, Temperature 230 °C	1.4 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.9 MPa	3760 psi	Type I, 51 mm/min; ASTM D638
Elongation at Break	150 %	150 %	Type I, 51 mm/min; ASTM D638
Flexural Modulus	1.24 GPa	180 ksi	ASTM D790
Izod Impact, Notched	0.800 J/cm @Thickness 3.18 mm, Temperature 23.0 °C	1.50 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	Injection Molded; ASTM D256A
Gardner Impact	15.8 J @Thickness 3.18 mm, Temperature 23.0 °C	11.7 ft-lb @Thickness 0.125 in, Temperature 73.4 °F	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.3 °C @Thickness 3.18 mm	200 °F @Thickness 0.125 in	Unannealed; ASTM D648
Flammability, UL94	HB @Thickness 3.18 mm	HB @Thickness 0.125 in	NC; UL 94

Descriptive Properties	Value	Comments
Agency Ratings	USP Class VI	
Features	Flame Retardant	
	High Impact Resistance	

Descriptive Properties	Value	Comments
Forms	Pellets	
Generic Material	PP, Unspecified	
Generic Name	Polypropylene, Unspecified (PP, Unspecified)	
Processing Method	Blow Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

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