

S&E Specialty Polymers GPP1001M-P-2986 Grey PP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

Application: High impact resistance, non-blooming flame retardant polypropylene compound for UL94-V0 injection molding applications. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-GPP1001M-P-2986-Grey-PP.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 - 1.02 g/cc	0.920 - 1.02 g/cc	ASTM D792
Melt Flow	15 - 21 g/10 min	15 - 21 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	>= 10.3 MPa	>= 1500 psi	ASTM D638
Tensile Strength, Yield	>= 25.5 MPa	>= 3700 psi	ASTM D638
Elongation at Break	>= 100 %	>= 100 %	ASTM D638
Flexural Modulus	>= 1.38 GPa	>= 200 ksi	ASTM D790
Izod Impact, Notched	>= 0.641 J/cm	>= 1.20 ft-lb/in	ASTM D256
Gardner Impact	>= 16.3 J	>= 12.0 ft-lb	ASTM D5420

Thermal Properties	Metric	English	Comments
Flammability Test	5.0	5.0	
	@Thickness 1.59 mm	@Thickness 0.0625 in	
Oxygen Index	>= 28 %	>= 28 %	ASTM D2863

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