

S&E Specialty Polymers GPP1001V0M-HCO PP

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Application: A polypropylene compound designed for injection molded industrial battery, electrical housing or appliance applications. It affords medium impact resistance with a high level of flame retardancy. Available in a wide spectrum of colors. Information provided by S&E Specialty Polymers

Order this product through the following link:

http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-GPP1001V0M-HCO-PP.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 - 1.00 g/cc	0.960 - 1.00 g/cc	ASTM D792
Melt Flow	3.0 - 7.0 g/10 min	3.0 - 7.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 18.6 MPa	>= 2700 psi	ASTM D638
Elongation at Break	>= 50 %	>= 50 %	ASTM D638
Flexural Modulus	>= 1.21 GPa	>= 175 ksi	tangent; ASTM D790
Izod Impact, Notched	>= 0.400 J/cm	>= 0.750 ft-lb/in	ASTM D256
Dart Drop, Total Energy	>= 20.3 J	>= 15.0 ft-lb	ASTM D5420

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

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