

S&E Specialty Polymers GPP6025 PP

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

Material Notes:

Application: Specially engineered, low bloom, low specific gravity, flame retardant polypropylene compound designed with halogen based technology. Exhibits a unique balance of high flexural modulus and high impact. It is designed for use in injection molded industrial power supply systems and to meet their stringent criterion. The superior balance of flow, allows the material to maintain excellent aesthetics over long flow lengths. 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-GPP6025-PP.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 - 1.31 g/cc	1.27 - 1.31 g/cc	ASTM D792
Melt Flow	16 - 20 g/10 min	16 - 20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	≥ 17.2 MPa	≥ 2500 psi	ASTM D638
Elongation at Break	≥ 50 %	≥ 50 %	ASTM D638
Flexural Modulus	≥ 1.65 GPa	≥ 240 ksi	ASTM D790
Dart Drop, Total Energy	≥ 8.13 J	≥ 6.00 ft-lb	ASTM D5420

Thermal Properties	Metric	English	Comments
Flammability Test	5.0	5.0	
	@Thickness 1.59 mm	@Thickness 0.0625 in	

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