

SPS Guang Zhou SAMAT[®],ç 5003 Flame-retarded Polypropylene

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

Material Notes:

Characteristic: Good chemical resistance, good mechanical properties, excellent long-term thermal stability
Applications: E/E appliance
Information Provided by SPS (Guang Zhou) Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SPS-Guang-Zhou-SAMAT-5003-Flame-retarded-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D792
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Flexural Strength	42.0 MPa	6090 psi	
Flexural Modulus	1.50 GPa	218 ksi	
Izod Impact, Notched	0.700 J/cm	1.31 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 Â°C	257 Â°F	ASTM D648
Flammability, UL94	V-2	V-2	

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