

SPS Guang Zhou SAMAT[®],ç 5000A Flame-retarded Polypropylene

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

Material Notes:

Characteristic: Good flame retardance, non-halogen, high flow properties, high rigidity, high heat resistance, meets the requirements of RoHs and PaHs
Applications: Lighting fitting, 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-5000A-Flame-retarded-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Flexural Strength	45.0 MPa	6530 psi	
Flexural Modulus	2.00 GPa	290 ksi	
Izod Impact, Notched	0.200 J/cm	0.375 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 Â°C	275 Â°F	ASTM D648
Flammability, UL94	V-0	V-0	E253482

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