

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

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

Material Notes:

Characteristic: Good flame retardance, non-halogen, high flow properties, high flowability, high heat resistance, meets the requirements of RoHs and PaHs
Applications: Thin wall parts, 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-5000AC-Flame-retarded-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Melt Flow	16 g/10 min	16 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Flexural Strength	40.0 MPa	5800 psi	
Flexural Modulus	2.40 GPa	348 ksi	
Izod Impact, Notched	0.300 J/cm	0.562 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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