

SPS Guang Zhou SAMATâ„¢ 168(f1) Flame-retarded Polypropylene

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

Material Notes:

Characteristic: Good flame resistance, good chemical resistance, good mechanical properties
Applications: X'mas decorative product, 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-168f1-Flame-retarded-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.02 g/cc	1.02 g/cc	ASTM D792
Melt Flow	9.0 g/10 min	9.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Flexural Strength	39.0 MPa	5660 psi	
Flexural Modulus	1.40 GPa	203 ksi	
Izod Impact, Notched	0.380 J/cm	0.712 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 Â°C	230 Â°F	ASTM D648
Flammability, UL94	V-0	V-0	

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