

SPS Guang Zhou SAMATâ„¢ 5508(f1) Flame-retarded Polypropylene

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

Material Notes:

Characteristic: Good flame resistance, weather resistance, good chemical resistance, high flow 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-5508f1-Flame-retarded-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Flexural Strength	40.0 MPa	5800 psi	
Flexural Modulus	1.45 GPa	210 ksi	
Izod Impact, Notched	0.360 J/cm	0.674 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	120 Â°C	248 Â°F	ASTM D648

Descriptive Properties	Value	Comments
Flammability	UL1694-SC-0	

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