

SPS Guang Zhou POPTREE® 6001 Flame-retarded Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Characteristic: Low density, superior melt flow index, high notched impact strength Applications: X'mas decorative product Information

Provided by SPS (Guang Zhou) Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SPS-Guang-Zhou-POPTREE-6001-Flame-retarded-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	ASTM D792
Melt Flow	60 g/10 min	60 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	8.00 MPa	1160 psi	ASTM D638
Flexural Strength	6.00 MPa	870 psi	
Flexural Modulus	0.300 GPa	43.5 ksi	
Izod Impact, Notched	3.50 J/cm	6.56 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	57.0 Å°C	135 Å°F	ASTM D648
Flammability, UL94	V-2	V-2	

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