

PolyOne Synprene® IT 086LFR Thermoplastic Elastomer - SBC (discontinued **)

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE

Material Notes:

Description/Features:Flame RetardantMulti-Purpose Thermoplastic ElastomerApplications:General PurposeInteriorProcessing

Method:Injection MoldingPolyOne First ChoiceInformation provided by PolyOne Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Synprene-IT-086LFR-Thermoplastic-Elastomer-SBC-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.12 g/cc	1.12 g/cc	ASTM D792
Linear Mold Shrinkage	0.0127 cm/cm	0.0127 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	32	32	Instant; ASTM D2240
Tensile Strength, Yield	2.76 MPa	400 psi	Method A (Dumbbell & Section), 20 in/min, Break; ASTM D412
	2.07 MPa @Strain 300 %	300 psi @Strain 300 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Elongation at Break	400 %	400 %	Method A (Dumbbell & Section), 20 in/min; ASTM D412
Tear Strength	17.5 kN/m	100 pli	Die C (graves), 20 in/min; ASTM D624
Compression Set	20 %	20 %	Method B, 73°F(23°C), 22 hrs; ASTM D395

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China