

PolyOne Elastamax™ XL 0135-33 Styrene Butadiene Block Copolymer (SBC)

Category : Polymer , Thermoplastic , Styrene-Butadiene , Styrene-Butadiene Copolymer, SBC

Material Notes:

A thermoplastic elastomer compound formulated for use in food contact applications. The physical properties listed above are typical values obtained on laboratory prepared samples and tested in accordance with accepted test methods. All ingredients used in the formulation of this compound are listed in the United States FDA Code of Federal Regulations, Title 21 for use in the packaging of food. The listings cover many uses and restrictions may apply depending on the application. PLEASE CONTACT US TO REVIEW THE SUITABILITY OF SPECIFIC PRODUCTS IN SPECIFIC APPLICATIONS. This statement is only an overview of the FDA listings for this product. IT IS THE CUSTOMER'S RESPONSIBILITY TO ENSURE THAT THE COMPOUND IS SUITABLE FOR ITS INTENDED APPLICATIONS. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Elastamax-XL-0135-33-Styrene-Butadiene-Block-Copolymer-SBC.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.898 g/cc	0.898 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.014 cm/cm	0.014 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84	84	10 sec; ASTM D2240
Tensile Strength at Break	20.0 MPa	2900 psi	510 mm/min; ASTM D412A
Tensile Stress	5.52 MPa @Strain 100 %	801 psi @Strain 100 %	510 mm/min; ASTM D412A
	7.58 MPa @Strain 300 %	1100 psi @Strain 300 %	510 mm/min; ASTM D412A
Elongation at Break	700 %	700 %	510 mm/min; ASTM D412A
Tear Strength	59.5 kN/m	340 pli	Die C, 510 mm/min; ASTM D624

Descriptive Properties	Value	Comments
Agency Ratings	FDA Food Contact, Unspecified Rating	
Appearance	Translucent	
Features	Food Contact Acceptable	
	General Purpose	
Forms	Pellets	

Generic Material Descriptive Properties	SBC Value	Comments
Generic Name	Styrene Butadiene Block Copolymer (SBC)	
Processing Method	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Consumer Applications	
	General Purpose	

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