

## PolyOne Elastamax™ XL 0141-115 Styrene Butadiene Block Copolymer (SBC) (discontinued \*\*)

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. For More Information contact PolyOne.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Elastamax-XL-0141-115-Styrene-Butadiene-Block-Copolymer-SBC-nbspdiscontinued.php](http://www.lookpolymers.com/polymer_PolyOne-Elastamax-XL-0141-115-Styrene-Butadiene-Block-Copolymer-SBC-nbspdiscontinued.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.848 g/cc	0.848 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	53	53	ASTM D2240
	51	51	ASTM D2240
	@Time 10.0 sec	@Time 0.00278 hour	
Tensile Strength at Break	2.48 MPa	360 psi	510 mm/min; ASTM D412A
Tensile Strength, Yield	0.207 MPa	30.0 psi	510 mm/min; ASTM D412A
	@Strain 300 %	@Strain 300 %	
Tear Strength	6.30 kN/m	35.9 pli	Die C, 510 mm/min; ASTM D624
Compression Set	8.0 %	8.0 %	ASTM D395B
	@Temperature 23.0 °C, Time 79200 sec	@Temperature 73.4 °F, Time 22.0 hour	

Descriptive Properties	Value	Comments
Agency Ratings	FDA Food Contact, Unspecified Rating	
Appearance	Natural Color	
Features	Food Contact Acceptable	
	General Purpose	
Forms	Pellets	
Generic Name	Styrene Butadiene Block Copolymer (SBC)	

Descriptive Properties	Value on Molding	Comments
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Consumer Applications	
	General Purpose	

## Contact Songhan Plastic Technology Co.,Ltd.

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