

## PolyOne Elastamax™ XL 0141-66 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-0141-66-Styrene-Butadiene-Block-Copolymer-SBC-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Elastamax-XL-0141-66-Styrene-Butadiene-Block-Copolymer-SBC-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.878 g/cc	0.878 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	9.0	9.0	ASTM D2240
Tensile Strength at Break	1.61 MPa	234 psi	250 mm/min; ASTM D412A
Tensile Strength, Yield	0.262 MPa @Strain 50.0 %	38.0 psi @Strain 50.0 %	250 mm/min; ASTM D412A
	0.434 MPa @Strain 100 %	62.9 psi @Strain 100 %	250 mm/min; ASTM D412A
	0.593 MPa @Strain 200 %	86.0 psi @Strain 200 %	250 mm/min; ASTM D412A
	0.745 MPa @Strain 300 %	108 psi @Strain 300 %	250 mm/min; ASTM D412A
Elongation at Break	1300 %	1300 %	250 mm/min; ASTM D412A
Compression Set	43 % @Temperature 70.0 °C, Time 79200 sec	43 % @Temperature 158 °F, Time 22.0 hour	ASTM D395B

Descriptive Properties	Value	Comments
Features	General Purpose	
	Low Hardness	
Forms	Pellets	

Descriptive Properties	Value	Comments
Processing Method	Extrusion	
	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Consumer Applications	
	General Purpose	
	Industrial Applications	

## Contact Songhan Plastic Technology Co.,Ltd.

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