Elastamax™ XL 0135-33

Styrene Butadiene Block Copolymer

Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• Food Contact Acceptable	• General Purpose	
Uses	• Consumer Applications	• General Purpose	
Agency Ratings	• FDA Food Contact, Unspecified Rating		
Appearance	• Translucent		
Forms	• Pellets		
Processing Method	• Injection Molding		

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	0.900	0.900	ASTM D792
Molding Shrinkage - Flow	0.014 in/in	1.4 %	ASTM D955
Elastomers	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Stress [2] (100% Strain)	800 psi	5.52 MPa	ASTM D412A
Tensile Stress [2] (300% Strain)	1100 psi	7.58 MPa	ASTM D412A
Tensile Strength [2] (Break)	2900 psi	20.0 MPa	ASTM D412A
Tensile Elongation [2] (Break)	700 %	700 %	ASTM D412A
Tear Strength [3]	340 lbf/in	59.5 kN/m	ASTM D624
Hardness	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Durometer Hardness (Shore A, 10 sec)	84	84	ASTM D2240

Additional Information

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.

Notes

[1] Typical values are not to be construed as specifications.

[2] 20 in/min (510 mm/min)

[3] Die C, 20 in/min (510 mm/min)