Elastamax™ XL-1035-21-8001 Black

Styrene Butadiene Block Copolymer

Key Characteristics

Product Description			
PolyOne's Elastamax™ XL thermoplastic olefins (TPOs) are based on pelletized blends of polyolefin resins and select elastomers such EPDM. These materials have been engineered to provide a balance of physical properties and processability, and are an economical alternative to traditional thermoset rubber and more costly thermoplastic elastomers.			
General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• General Purpose		
Uses	• Consumer Applications	• General Purpose	
Appearance	• Black		
Forms	• Pellets		
Processing Method	• Injection Molding		

Technical Properties [1]

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Density / Specific Gravity	1.05	1.05	ASTM D792
Elastomers	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Tensile Strength [2] (Break)	1800 psi	12.4 MPa	ASTM D412A
Tensile Elongation [2] (Break)	750 %	750 %	ASTM D412A
Hardness	**Typical Value (English)**	**Typical Value (SI)**	**Test Method**
Durometer Hardness (Shore A, 5 sec)	86	86	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)