



Elastamax™ HTE 1102

Styrene Butadiene Block Copolymer

Key Characteristics

General			
Material Status	• Commercial: Active		
Regional Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Features	• General Purpose		
Uses	• Automotive Interior Parts • Consumer Applications	• General Purpose • Industrial Applications	
Forms	• Pellets		
Processing Method	• Injection Molding		

Technical Properties ¹

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	0.920	0.920	ASTM D792
Molding Shrinkage - Flow	0.018 to 0.020 in/in	1.8 to 2.0 %	ASTM D955
Elastomers	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Strength ² (Break)	550 to 600 psi	3.79 to 4.14 MPa	ASTM D412A
Tensile Elongation ² (Break)	900 %	900 %	ASTM D412A
Tear Strength ³	113 lbf/in	19.8 kN/m	ASTM D624
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore A)	47	47	ASTM D2240

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)

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