



Elastamax™ HTE 1105

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
Density / Specific Gravity	0.940	0.940	ASTM D792
Elastomers	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Stress ² (100% Strain)	230 psi	1.59 MPa	ASTM D412A
Tensile Stress ² (300% Strain)	330 psi	2.28 MPa	ASTM D412A
Tensile Strength ² (Break)	1290 psi	8.89 MPa	ASTM D412A
Tensile Elongation ² (Break)	1100 %	1100 %	ASTM D412A
Tear Strength ³	170 lbf/in	29.8 kN/m	ASTM D624
Hardness	Typical Value (English)	Typical Value (SI)	Test Method
Durometer Hardness (Shore A)	40	40	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)