



# 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 <sup>1</sup>

Physical	Typical Value (English)	Typical Value (SI)	Test Method
Specific Gravity	0.940	0.940	ASTM D792
Elastomers	Typical Value (English)	Typical Value (SI)	Test Method
Tensile Stress <sup>2</sup> (100% Strain)	230 psi	1.59 MPa	ASTM D412A
Tensile Stress <sup>2</sup> (300% Strain)	330 psi	2.28 MPa	ASTM D412A
Tensile Strength <sup>2</sup> (Break)	1290 psi	8.89 MPa	ASTM D412A
Tensile Elongation <sup>2</sup> (Break)	1100 %	1100 %	ASTM D412A
Tear Strength <sup>3</sup>	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

<sup>1</sup> Typical values are not to be construed as specifications.

<sup>2</sup> 20 in/min (510 mm/min)

<sup>3</sup> Die C, 20 in/min (510 mm/min)

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