

Elastamax™ HTE 1105

Styrene Butadiene Block Copolymer

PolyOne Corporation

Message:

Elastamax™ HTE 1105 is a Styrene Butadiene Block Copolymer (SBC) product. It can be processed by injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Elastamax™ HTE 1105 include automotive, consumer goods and industrial applications.

General Information			
Features	General Purpose		
Uses	Automotive Interior Parts		
	Consumer Applications		
	General Purpose		
	Industrial Applications		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	40		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹			ASTM D412A
100% Strain	1.59	MPa	
300% Strain	2.28	MPa	
Tensile Strength ² (Break)	8.89	MPa	ASTM D412A
Tensile Elongation ³ (Break)	1100	%	ASTM D412A
Tear Strength ⁴	29.8	kN/m	ASTM D624
NOTE			
1.	510 mm/min		
2.	510 mm/min		
3.	510 mm/min		
4.	Die C, 510 mm/min		

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