

Sofprene T® 550100A45

Styrene Butadiene Styrene Block Copolymer

SO.F.TER. SPA

Message:

Sofprene T® 550100A45 is a Styrene Butadiene Styrene Block Copolymer (SBS) material. It is available in Europe, Latin America, or North America for injection molding. Primary attribute of Sofprene T® 550100A45: REACH Compliant.

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	6	%	ASTM D412
Tensile Stress ¹ (100% Strain)	0.800	MPa	ASTM D412
Tensile Strength ²	1.50	MPa	ASTM D412
Tensile Elongation ³ (Break)	520	%	ASTM D412
Tear Strength ⁴	12.0	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Rear Temperature	150	°C	
Middle Temperature	160	°C	
Front Temperature	170	°C	
Nozzle Temperature	175	°C	
Mold Temperature	20.0 to 40.0	°C	
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		
4.	Die C		

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Recommended distributors for this material

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