

Laprene® 83F000543

Styrene Ethylene Butylene Styrene Block Copolymer

SO.F.TER. SPA

Message:

Laprene® 83F000543 is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) material. It is available in Europe, Latin America, or North America for injection molding. Primary attribute of Laprene® 83F000543: REACH Compliant.

Typical application of Laprene® 83F000543: Appliances

General Information			
Uses	Appliances		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	52		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	6	%	ASTM D412
Tensile Stress ¹ (100% Strain)	1.00	MPa	ASTM D412
Tensile Strength ²	7.50	MPa	ASTM D412
Tensile Elongation ³ (Break)	750	%	ASTM D412
Tear Strength ⁴	24.0	kN/m	ASTM D624
Compression Set ⁵ (70°C, 22 hr)	36	%	ASTM D395B
Injection	Nominal Value	Unit	
Rear Temperature	170	°C	
Middle Temperature	180	°C	
Front Temperature	180	°C	
Nozzle Temperature	190	°C	
Mold Temperature	20.0 to 40.0	°C	
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		
4.	Die C		
5.	Type 1		

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Recommended distributors for this material

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