

Laprene® 83E200A45

Styrene Ethylene Butylene Styrene Block Copolymer

SO.F.TER. SPA

Message:

Laprene®83E200A45 is a styrene-ethylene-butene-styrene block copolymer (SEBS) material. This product is available in North America, Latin America or Europe. The processing method is: extrusion. Laprene®The main characteristics of 83E200A45 are: compliance with REACH standards.

Typical application areas include:

building applications

Sporting goods

General Information			
Uses	Architectural application field		
	Sporting goods		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	46		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	2	%	ASTM D412
Tensile Stress ¹ (100% Strain)	0.900	MPa	ASTM D412
Tensile Strength ²	6.80	MPa	ASTM D412
Tensile Elongation ³ (Break)	750	%	ASTM D412
Tear Strength ⁴	26.0	kN/m	ASTM D624
Compression Set ⁵ (70°C, 22 hr)	33	%	ASTM D395B
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Cylinder Zone 1 Temp.	170	°C	
Cylinder Zone 2 Temp.	180	°C	
Cylinder Zone 3 Temp.	190	°C	
Die Temperature	180	°C	
Extrusion instructions			
Extrusion Head Temperature: 190°C			
NOTE			
1.	Mouth die c		
2.	Mouth die c		
3.	Mouth die c		

4.	C mould
5.	Type 1

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