

Laprene® 83F000833

Styrene Ethylene Butylene Styrene Block Copolymer

SO.F.TER. SPA

Message:

Laprene®83F000833 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 83F000833 are: compliance with REACH standards.

Typical application areas include:

electrical appliances

Sealing applications

General Information

Uses	Electrical appliances Seals
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Agency Ratings	EC 1907/2006 (REACH)
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Appearance	Natural color
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Processing Method	Extrusion
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Physical	Nominal Value	Unit	Test Method
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Specific Gravity	1.23	g/cm ³	ASTM D792
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Hardness	Nominal Value	Unit	Test Method
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Durometer Hardness (Shore A, 3 sec)	65		ASTM D2240
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Elastomers	Nominal Value	Unit	Test Method
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Tensile Stress ¹ (100% Strain)	1.90	MPa	ASTM D412
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Tensile Strength ²	10.0	MPa	ASTM D412
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Tensile Elongation ³ (Break)	770	%	ASTM D412
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Tear Strength ⁴	30.0	kN/m	ASTM D624
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Compression Set ⁵ (70°C, 22 hr)	62	%	ASTM D395B
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Extrusion	Nominal Value	Unit
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Cylinder Zone 1 Temp.	160	°C
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Cylinder Zone 2 Temp.	170	°C
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Cylinder Zone 3 Temp.	180	°C
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Die Temperature	170	°C
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Extrusion instructions

Extrusion Head Temperature: 180°C

NOTE

1.	Mouth die c
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2.	Mouth die c
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3.	Mouth die c
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4.	C mould
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5.	Type 1
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