

Laprene® 830000844

Styrene Ethylene Butylene Styrene Block Copolymer

SO.F.TER. SPA

Message:

Laprene® 830000844 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® 830000844: 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	1.14	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	77		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	14	%	ASTM D412
Tensile Stress ¹ (100% Strain)	2.50	MPa	ASTM D412
Tensile Strength ²	12.5	MPa	ASTM D412
Tensile Elongation ³ (Break)	810	%	ASTM D412
Tear Strength ⁴	42.0	kN/m	ASTM D624
Compression Set ⁵ (70°C, 22 hr)	45	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Rear Temperature	180	°C	
Middle Temperature	190	°C	
Front Temperature	190	°C	
Nozzle Temperature	200	°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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

