

Laprene® 8K1000A80

Styrene Ethylene Butylene Styrene Block Copolymer
SO.F.TER. SPA

Message:

Laprene® 8K1000A80 is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) material. It is available in Europe, Latin America, or North America.
Primary attribute of Laprene® 8K1000A80: REACH Compliant.
Typical application of Laprene® 8K1000A80: Engineering/Industrial Parts

General Information			
Uses	Overmolding		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Abrasion Resistance	70.0	mm ³	DIN 53516
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	8	%	ASTM D412
Tensile Stress ¹ (100% Strain)	3.70	MPa	ASTM D412
Tensile Strength ²	16.0	MPa	ASTM D412
Tensile Elongation ³ (Break)	590	%	ASTM D412
Tear Strength ⁴	60.0	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Rear Temperature	210	°C	
Middle Temperature	220	°C	
Front Temperature	230	°C	
Nozzle Temperature	230	°C	
Mold Temperature	30.0 to 50.0	°C	
NOTE			
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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

