

Laprene® 83FM9ZA45

Styrene Ethylene Butylene Styrene Block Copolymer

SO.F.TER. SPA

Message:

Laprene® 83FM9ZA45 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® 83FM9ZA45: REACH Compliant.

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.00	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	47		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	10	%	ASTM D412
Tensile Stress ¹ (100% Strain)	1.00	MPa	ASTM D412
Tensile Strength ²	7.00	MPa	ASTM D412
Tensile Elongation ³ (Break)	850	%	ASTM D412
Tear Strength ⁴	23.0	kN/m	ASTM D624
Compression Set ⁵ (70°C, 22 hr)	41	%	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		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

