

# Laprene® 83GE9ZA60

Styrene Ethylene Butylene Styrene Block Copolymer

SO.F.TER. SPA

## Message:

Laprene® 83GE9ZA60 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® 83GE9ZA60: REACH Compliant.

Typical application of Laprene® 83GE9ZA60: Automotive

General Information			
Uses	Automotive Applications		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 3 sec)	63		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	8	%	ASTM D412
Tensile Stress <sup>1</sup> (100% Strain)	1.60	MPa	ASTM D412
Tensile Strength <sup>2</sup>	8.50	MPa	ASTM D412
Tensile Elongation <sup>3</sup> (Break)	800	%	ASTM D412
Tear Strength <sup>4</sup>	25.0	kN/m	ASTM D624
Compression Set <sup>5</sup> (70°C, 22 hr)	50	%	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
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4.	Die C
5.	Type 1

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Recommended distributors for this material

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