

LOTTMER SE-085AN

Styrene Ethylene Butylene Styrene Block Copolymer

Lotte Chemical Corporation

Message:

SE-085AN is a SEBS base thermoplastic elastomer(TPE) product.

SEBS based TPEs don't need cross-linking process and can be processed by general thermoplastic processing equipments.

It has low compression set, weatherability, cold-resistance and ozone resistance.

General Information			
Features	Good Weather Resistance		
	Low Compression Set		
	Low Temperature Resistant		
	Ozone Resistant		
Uses	Gaskets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	4.90	MPa	ASTM D412
Tensile Strength (Break)	10.8	MPa	ASTM D412
Tensile Elongation (Break)	650	%	ASTM D412
Tear Strength	53.9	kN/m	ASTM D624
Compression Set (23°C, 72 hr)	25	%	ASTM D395
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-40°C)	No Break		ASTM D256

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