

LOTTMER SE-150AB

Styrene Ethylene Butylene Styrene Block Copolymer

Lotte Chemical Corporation

Message:

SE-150AB 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	Flexible Grips		
	Gaskets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	50		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.27	MPa	ASTM D412
Tensile Strength (Break)	7.06	MPa	ASTM D412
Tensile Elongation (Break)	850	%	ASTM D412
Tear Strength	23.5	kN/m	ASTM D624
Compression Set (23°C, 72 hr)	15	%	ASTM D395
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-40°C)	No Break		ASTM D256

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