

LOTTMER SH-070AB

Styrene Ethylene Butylene Styrene Block Copolymer

Lotte Chemical Corporation

Message:

SH-070AB 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	Wire & Cable Applications		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	70		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.45	MPa	ASTM D412
Tensile Strength (Break)	9.22	MPa	ASTM D412
Tensile Elongation (Break)	700	%	ASTM D412
Tear Strength	39.2	kN/m	ASTM D624
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (-40°C)	No Break		ASTM D256

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