

	<u>Physical Properties</u>	Date	2013. 05. 27
		LOTTE CHEMICAL RESEARCH INSTITUTE 115 Gajeong-book St. Yuseong, Dajeon TEL) 042-879-1430, 1430	

SE-140AB

LOTTMER

General Information

Description

SE-140AB 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.

Applications

◆ Grip, Gasket etc.

Physical Properties¹

Physical	Test Method	Nominal Value			
Density	ASTM D792	1.02	g/cm³		
Hardness	ASTM D2240	40	Shore A		
Mechanical					
Tensile Stress (Break)	ASTM D412	72	kgf/cm²	7.1	MPa
Elongation (Break)	ASTM D412	850	%	850	%
100% Modulus	ASTM D412	13	kgf/cm²	1.3	MPa
Tear Stress	ASTM D624	24	kgf/cm	24	kN/m
IZOD Impact Strength (-40 °C)	ASTM D256	N.B.	kg·cm/cm	N.B.	J/m

Note

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications

www.lottechem.com