

	<u>Physical Properties</u>	Date	2013. 05. 27
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HX-145DB

LOTTMER

General Information

Description

HX-145DB is a fully-crosslinked thermoplastic elastomer(TPE) product.
 TPEs can be easily processed with general thermoplastic processing equipments.
 It has low compression set, good weatherability and excellent resistance to high temperature, chemicals, and ozone.
 Flexible PVC, rubbers (CR, NBR, EPDM etc.) can be replaced with TPE.

Applications

✦ Air Bag Cover etc.

Physical Properties¹

Physical	Test Method	Nominal Value			
Density	ASTM D792	0.94	g/cm³		
Hardness	ASTM D2240	45	Shore D		
Mechanical					
Tensile Stress (Break)	ASTM D412	180	kgf/cm²	17.6	MPa
Elongation (Break)	ASTM D412	600	%	600	%
100% Modulus	ASTM D412	115	kgf/cm²	11.3	MPa
Tear Stress	ASTM D624	95	kgf/cm	93	kN/m
IZOD Impact Strength (-40℃)	ASTM D256	N.B.	kg-cm/cm	N.B.	J/m
Compression Set (70℃, 72hours)	ASTM D395	75	%		

Note

ISO 9001, 14001, /TS 16949

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

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