LOTTE CHEMICAL	Physical Properties	Date	2013. 05. 27
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HX-075AB

LOTTMER

General Information

Description

HX-075AB 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

- Door Gasket, Hose etc.

Physical Properties[1]

Physical	Test Method	Nominal Value			
Density	ASTM D792	0.97	g/cm^3		
Hardness	ASTM D2240	75	Shore A		
Mechanical					
Tensile Stress (Break)	ASTM D412	90	kgf/cm^2	8.8	MPa
Elongation (Break)	ASTM D412	550	%	550	%
100% Modulus	ASTM D412	38	kgf/cm^2	3.7	MPa
Tear Stress	ASTM D624	39	kgf/cm	38	kN/m
IZOD Impact Strengh (-40℃)	ASTM D256	N.B.	kg·cm/cm	N.B.	J/m
Compression Set (70℃, 72hours)	ASTM D395	31	%		

Note

ISO 9001, 14001, /TS 16949

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

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