LOTTE CHEMICAL

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LOTTMER® HX-064AB

Thermoplastic Elastomer

General Information

Description

HX-064AB 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 Intake Hose, Hose etc.

Physical Properties[1]

Physical	Test Method	Nominal Value			
Density	ASTM D792	0.97	g/cm^3		
Hardness	ASTM D2240	70	Shore A		
Mechanical					
Tensile Stress (Break)	ASTM D412	77	kgf/cm^2	7.5	MPa
Elongation (Break)	ASTM D412	530	%	530	%
100% Modulus	ASTM D412	35	kgf/cm^2	3.4	MPa
Tear Stress	ASTM D624	31	kgf/cm	30	kN/m
IZOD Impact Strengh (-40℃)	ASTM D256	N.B.	kg·cm/cm	N.B.	J/m

Processing Information

Recommended Drying Condition	Drying at 80℃ over 2hours
Recommended Processing Condition	160~200℃

Notes

ISO 9001, 14001, /TS 16949

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