

TYPICAL PROPERTIES OF ENSOLITE® IV3

POLYMER: PVC/NITRILE/NEOPRENE

PHYSICAL PROPERTY		TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS	
COMPRESSION DEFLECTION 25%	ASTM D1056		PSI kPa	9 - 13 62 - 89.6	ASTM D1056-07	2B3
DENSITY	ASTM D1056		PCF G/CM ³	7 - 9.5 .112 - .152	ASTM D1056 SUFFIX'S	B3,C1,F1,M
COMPRESSION SET (MAX)	ASTM D1056		%	35	ASTM D6576-07	TYPE II A,B MEDIUM
WATER ABSORPTION (MAX)	ASTM D1056		%	10	GMW 15473	CLASS I TYPE V
TENSILE STRENGTH (MIN)	ASTM D412 DIE A		PSI kPa	100 690	WSK-M2D419-A	TYPE 4
ELONGATION (MIN)	ASTM D412 DIE A		%	100	TSM 1501G	2B3
TEAR STRENGTH (TYPICAL)	ASTM D624 DIE C		LB/IN kN/m	20 3.5	Contact customer service for exceptions.	
CD CHANGE AFTER OVEN AGING	ASTM D1056		%	±30	FLAMMABILITY SPECIFICATIONS	
SHORE 00	ASTM D2240		%	60 - 70	FMVSS-302	PASS
COLOR	N/A		N/A	BLACK	FAR 25.853 F PART 1 (A)(1)(ii)	PASS
					UL94 HF-1	LISTED ¹
					UL94 V0	LISTED ¹
					¹ Contact customer service for thickness data.	
					ADDITIONAL INFORMATION	
					SERVICE TEMPERATURE	-40 TO +200 °F

This information is furnished as a guide for selecting materials. Manufacturer disclaims liability for results or use of this information.
It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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