

TYPICAL PROPERTIES OF ENSOLITE® IV2

POLYMER: PVC/NITRILE/NEOPRENE

PHYSICAL PROPERTY		TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS	
COMPRESSION DEFLECTION 25%	ASTM D1056		PSI	5 - 9	ASTM D1056-07	2B2
			kPa	34.4 - 62	ASTM D1056 SUFFIX'S	B3,C1,F1,M
DENSITY	ASTM D1056		PCF	5.5 - 7.5	ASTM D6576-07	TYPE II A,B SOFT/MED
			G/CM ³	.088 - .120	GMW 15473	CLASS I TYPE IV
COMPRESSION SET (MAX)	ASTM D1056		%	35	WSK-M2D419-A	TYPE 3
WATER ABSORPTION (MAX)	ASTM D1056		%	10	TSM 1501G	2B2
TENSILE STRENGTH (MIN)	ASTM D412 DIE A		PSI	75	UL50E	LISTED
			kPa	517	Contact customer service for exceptions.	
ELONGATION (MIN)	ASTM D412 DIE A		%	100	FLAMMABILITY SPECIFICATIONS	
TEAR STRENGTH (TYPICAL)	ASTM D624 DIE C		LB/IN	12	FMVSS-302	PASS
			kN/m	2.1	FAR 25.853 F PART 1 (A)(1)(ii)	PASS
CD CHANGE AFTER OVEN AGING	ASTM D1056		%	±30	UL94 HF-1	LISTED ¹
SHORE 00	ASTM D2240		%	45 - 65	Contact customer service for thickness data.	
COLOR	N/A		N/A	BLACK	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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