

TYPICAL PROPERTIES OF  
**Ensolite® GIC**

POLYMER

PVC/NBR

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	2 - 5 13.8 - 34.4	ASTM D1056-07.....2C1 ASTM D1056 Suffix's.....B3, C1, F1, M MIL-P-15280J
DENSITY	ASTM D1056	pcf g/cm <sup>3</sup>	3 - 6 .048 - .096	
COMPRESSION SET (MAX)	ASTM D1056	%	30	
WATER ABSORPTION (MAX)	ASTM D1056	%	10	
TENSILE STRENGTH (MIN)	ASTM D412 (DIE A)	psi kPa	40 276	
ELONGATION (MIN)	ASTM D412 (DIE A)	%	100	
CD CHANGE AFTER OVEN AGING	ASTM D1056	%	±30	
COLOR	N/A	N/A	BLACK	
				<b>FLAMMABILITY SPECIFICATIONS</b>
				FMVSS-302.....PASS FAR 25.853 F Part 1 (a)(1)(ii) .....PASS UL94 HF-1.....LISTED <sup>1</sup> UL94 V0, 5VA.....LISTED <sup>1</sup> <sup>1</sup> Contact customer service for thickness data.
				<b>ADDITIONAL INFORMATION</b>
				Service Temperature -40°F to 200°F Thermal Conductivity .271 Btu-in/hr-Ft <sup>2</sup> -°F

For updates to this document, please refer to our website or contact customer service.

This information is furnished as a guide for selecting materials. Rubberlite Inc. 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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