

TYPICAL PROPERTIES OF
Ensolite® MLC Black

POLYMER

PVC/NBR

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT	SPECIFICATIONS
COMPRESSION DEFLECTION 25%	ASTM D1056	psi kPa	2 - 3.5 13.8 - 24.1	ASTM D1056-07.....2C1 ASTM D1056 Suffix's..... C1, F1, M Chrysler MS-AY-516.....Type 1 GMW15473.....Class II Type IV WSK-M2D419-A.....Type II TSM 1501G.....2C1 Contact customer service for exceptions.
DENSITY	ASTM D1056	pcf g/cm ³	3.5 - 5.5 .064 - .088	
COMPRESSION SET (MAX)	ASTM D1056	%	40	
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	
				FLAMMABILITY SPECIFICATIONS
				FMVSS-302.....PASS FAR 25.853 F Part 1 (a)(1)(ii)PASS UL94 HF-1.....LISTED ¹ ¹ Contact customer service for thickness data.
				ADDITIONAL INFORMATION
				Service Temperature -40°F to 200°F Thermal Conductivity .236 Btu-in/hr-Ft ² -°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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