

## TECHNICAL DATASHEET: ENSOLITE® MLC Black

**PRODUCT DESCRIPTION**

Soft, conformable, low density, closed cell vinyl nitrile foam.

**TYPICAL APPLICATIONS**

- Tonneau cover sealing tape
- Truck tool box sealing tape
- Curtain wall mullion end dams
- Acoustic panel tape

**PRODUCT FEATURES & BENEFITS**

- Soft, conformable foam
- Flame retardant
- Good weather resistance

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 1/8", 3/16", 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 1"	
COLOR	Black	
POLYMER	Nitrile Butadiene Rubber (NBR) / Polyvinyl Chloride (PVC)	
DENSITY	3.5 - 5.5 lb/ft <sup>3</sup>	ASTM D1056
COMPRESSION DEFLECTION @ 25%	2 - 3.5 psi	ASTM D1056
COMPRESSION SET (MAX)	40%	ASTM D1056
COMPRESSION DEFLECTION CHANGE AFTER OVEN AGING	±30%	ASTM D1056
WATER ABSORPTION (MAX)	10%	ASTM D1056
WEATHER RESISTANCE	Good	
ELONGATION (MINIMUM)	100%	ASTM D412 (DIE A)
FLAME RETARDANT	Yes	
FMVSS-302	Pass	
UL 94 HF-1	Listed <sup>1</sup>	
SERVICE TEMPERATURE	-40°F to 200°F	
ASTM D1056-07	2C1	
ASTM D1056 SUFFIX'S	C1, F1, M	
THERMAL CONDUCTIVITY	.236 btu/(h·ft <sup>2</sup> ·°F)	
FAR 25.853 F PART 1 (a)(1)(ii)	Pass	
TENSILE STRENGTH (MINIMUM)	40 psi	ASTM D412 (DIE A)
CHRYSLER MS-AY-516	Type 1	
GMW15473	Class II Type IV	
TSM 1501G	2C1	
WSK-M2D419-A	Type 2	

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**