

# Ensolite® EGO

SOFT, CLOSED CELL  
EXPANDED RUBBER  
IN ROLL FORM



- EPDM
- Soft, closed cell expanded rubber
- Manufactured in rolls
- ASTM D 1056-14 2A0
- GMW 15473 (Feb 2008) Class I Type III (with exceptions)

 **armacell**®

Engineered For Success.

Polymer	EPDM
Color	Black
Classifications	
ASTM D 1056-14	2A0

**Data Sheet:**

Physical Properties	Unit	Test Method	Typical Result
Density	lb/ft <sup>3</sup>	ASTM D 1056	4.5 ± 1.5
	kg/m <sup>3</sup>	ASTM D 1056	72 ± 24
Hardness, Durometer Shore 00		ASTM D 2240	25 ± 10
25% Compression Deflection	psi	ASTM D 1056	<2
	kPa	ASTM D 1056	<13.8
50% Compression Set (Room Temp)	%	ASTM D 1056	≤45
Tensile Strength	psi	ASTM D 412 (Die A)	25 min. (Note 1)
	kPa	ASTM D 412 (Die A)	172 min.
Tear Strength	lb./in.	ASTM D 624 (Die C)	TBD
	kN/m	ASTM D 624 (Die C)	TBD
Elongation	%	ASTM D 412 (Die A)	125 min.
Service Temperature (Note 2)			
Low (180° bend)	°F (°C)	ASTM D 1056	-70°F (-56°C)
High Intermittent (Note 3)	°F (°C)		250°F (121°C)
Water Absorption			
Maximum weight change	%	ASTM D 1056	10 max.
Fluid Immersion (7 days @ 23°C [73.4°F]) ASTM Ref. Fuel B, Weight Change	%	ASTM D 1056	Not Applicable
Accelerated Aging (7 days at 70°C [158°F]) Change in Compression Deflection	%	ASTM D 1056	±30
<b>Combustion Characteristics (Note 4)</b>		<b>Thicknesses</b>	<b>Comments</b>
FMVSS-302	Burn Rate	Pass @ 4.76 mm (0.1875") and higher	Requirements: 4" min. (101.6 mm/min.) max. burn rate
UL94	UL listed		Not Applicable
UL 50 / UL50E (Gaskets & Seals)	UL 50E Listed		Not Applicable

- (1) Tested skin 1 side
- (2) This recommendation is based on polymer type only. For specific application requirements please contact technical services
- (3) This temperature is the maximum allowable for intermittent exposure only. For continuous use temperature please contact technical services.
- (4) Flammability – This data refers to typical performance in the specific test indicated. This data should not be construed to imply the behavior of material in other fire conditions.

## Why Armacell?

Armacell is the global leader in expanded cellular foam products delivering decades of product knowledge and innovation to our partners in the automotive, heavy equipment, transportation, industrial and construction markets.

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