armacell engineered foams

Ensolite®

DATA SHEET (effective 08/01/08)

FC0 (Fine Cell) Continuous Rolls/Sheets

Physical Properties

Polymer			PVC/NBR
Color			Black
Classifications			
ASTM D 1056-68			SBO10
ASTM D 1056-00			1B0
Suffix Requirements			B2, C1, M, P
1. 25% Compression Resistance (psi)	ASTM D 1056		0.4 max.
2. 50% Compression Set (%)	ASTM D 1056		5 max.
3. Density (lb/ft^3)	ASTM D 1056		3.5 – 7.0
4. Tensile (psi)	ASTM D 412		25 min.
5. Elongation (%)	ASTM D 412		125 min.
6. Flammability (1)			
FMVSS302	0 Burn Rate		Pass
UL 50			Pass
UL 94	HF-1 @ 3.9 mm		Pass
	V0 @ 2.8 mm		Pass
	5VA @ 3.8 mm		Pass
	5VB @ 2.8 mm		Pass
7. Temperature Use: (2)	ASTM D 1056	Cold Crack	-40°F
		High (3)	200
8. Thermal Conductivity	ASTM C 518		
BTU-in/hr • sq.ft. • °F (W/mK)			0.279 (0.040)
75°F mean temp (24°C)			
Standard Roll Widths (in)			54"
Maximum Gauge (in)			1.57" (40 mm)

(1) Flammability – This item and any corresponding data refer to typical performance in the specific test indicated and should not be construed to imply this material's behavior in other fire conditions.
(2) This recommendation in based on polymer type only. For specific application requirements please contact technical service
(3) This temperature is the maximum allowable for intermittent exposure only. For continuous use temperature please contact technical service department.

NBR – Acrylonitrile Butadiene Rubber
PVC – Polyvinyl Chloride
Minimum gauge for skin two sided products is 1/4"
Other gauges and widths may be available. Please contact Customer Service.
Note: FC0 meets: GMN11106 Type IAA
GMN11101

For updates to this document please refer to our website.

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