

EVAZOTE® VA35

Premium Durable Foams

Evazote® closed cell crosslinked ethylene copolymer block foams are suitable for an array of applications where key requirements are specific to weight and robustness, such as Sports & Leisure and Construction.

TYPICAL VALUES

The values provided represent data gathered from random samples of our production of the foam and should be considered as guidance for selecting a suitable grade for a given application. This does not constitute a specification.

PROPERTY	TEST STANDARD	UNITS	TYPICAL VALUE
Apparent Density Skin/Skin	ISO 7214:2012	kg/m ³	(nominal) 35
Cell Size (Cell Diameter)	Internal	mm	0.5
Compression Stress-Strain 25% Compression 50% Compression	ISO 7214:2012	kPa	52 118
Tensile Strength Tensile Elongation	ISO 7214:2012	kPa %	545 145
Compression Set 50% Comp./22 Hour/23°C ½ Hour Recovery 24 Hour Recovery	ISO 7214:2012	% set	 10 3
Tear Strength	ISO 8067:2008 Method B	N/m	1970
Shore Hardness OO Scale	ISO 868:2003		50
Recommended Maximum Operating Temperature*	Internal	°C	70
Water Absorption	ISO 2896:2001 Ed3.	%	<1

*Recommended maximum operating temperature

The maximum operating temperature shown is defined as the temperature which will typically cause a linear shrinkage of 5% after a 24hr exposure period, using sample dimensions of 100mm x 100mm x 25mm. This figure is provided for general guidance only. The actual level of shrinkage the foam will undergo at any temperature is dependent on several system variables such as, sample dimensions, cell size, loading conditions and exposure period.

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