

Evazote® EV50

Ethylene Vinyl Acetate Copolymer Foam

Product Information

Typical Values

Evazote® is a closed cell, cross-linked ethylene vinyl acetate copolymer block foam manufactured using Zotefoams unique production process.

The values provided in this product information represent data gathered from random samples of our production of Evazote® EV50 foam and represent typical data. These are given to the best of our knowledge and should be considered as guidance for selecting a suitable grade for a given application.

Property	Test Standard	Units	Typical value
Apparent Density Skin/Skin	BS EN ISO 7214:2012	kg/m ³	50 (nominal)
Cell Size (Cell Diameter)	Internal	mm	0.4
Compression Stress-Strain 25% compression 50% compression	BS EN ISO 7214:2012 25 mm cell-cell	kPa	50 116
Tensile Strength Tensile Elongation	BS EN ISO 7214:2012	kPa %	741 252
Compression Set 25% comp., 22hr, 23°C ½ hr recovery 24 hr recovery	BS EN ISO 7214:2012 25 mm cell-cell	% set	9 2
Tear Strength	BS EN ISO 8067:2008 Method B	N/m	2917
Shore Hardness OO Scale	BS EN ISO 868:2003		46
Recommended maximum operating temperature*	Internal	°C	65
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 particular temperature is dependant on a number of system variables such as, sample dimensions, cell size, loading conditions and exposure period.



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