

EVAZOTE® EV30

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			(nominal)
Skin/Skin	ISO 7214:2012	kg/m ³	30
Cell Size (Cell Diameter)	Internal	mm	0.4
Compression Stress-Strain			
25% Compression	ISO 7214:2012	kPa	39
50% Compression			100
Tensile Strength	ISO 7214:2012	kPa	520
Tensile Elongation		%	205
Compression Set			
50% Comp./22 Hour/23°C	ISO 7214:2012	% set	
½ Hour Recovery			13
24 Hour Recovery			4
Tear Strength	ISO 8067:2008 Method B	N/m	1675
Shore Hardness	ISO 868:2003		
OO Scale			40
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 temperature is dependent on several system variables such as, sample dimensions, cell size, loading conditions and exposure period.

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For details on Zotefoams Management Systems, please visit www.zotefoams.com

Zotefoams UK
675 Mitcham Road
Croydon, Surrey CR9 3AL
United Kingdom
Tel: +44 (0) 20 8664 1600
Email: hello@zotefoams.com

Zotefoams Poland
SP z.o.o.
Parkowa 26
49-318 Skarbimierz,
Osiedle

Zotefoams Inc.
55 Precision Drive
Walton KY, 41094 USA
Tel: +1 859 371 4025
Free: (800) 362-8358 (US Only)

If you would like more information
email: hello@zotefoams.com
or visit our website
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