EVA50 Ethylene Vinyl Acetate Copolymer Foam

Product Information

EVA50 is a closed cell, cross linked Ethylene Vinyl Acetate Copolymer block foam manufactured using unique production process. The Product characteristics & values provided in this product information represent data gathered from random samples of our production of EVA50 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/m³	(nominal) 50
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 %	749 243
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	2880
Shore Hardness OO Scale	BS EN ISO 868:2003		46
Recommended maximum operating temperature*	Internal	°C	65
Water absorption	ISO 2896:2001 Ed3	%	<1
Sheet dimension (Nominal) Length X Width	SI unit	mm	2000 X 1000
Standard Available Colors			White,Black,Blue

* 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.

EXCLUSION OF LIABILITY
Any information contained in this document is accurate, to the best of the knowledge of Parva foam and Packaging Technologies LLP.
Our foams when used in conjunction with other goods or materials, it is the responsibility of the user to obtain from the manufacturers or suppliers of the other goods or materials all technical data and other properties relating to those other goods or materials. No liability can be accepted in respect of the use of goods or materials in conjunction with any other goods or materials. Parva foams make no warranties expressed or implied, except to the extent set out in the conditions of sale.

Email : support@parvafoam.com
Phone : +91 96067 77825

ParvaFoam® #2:1,YBY, RKReddy Industrial Area Lakshmipura cross, Vidyaranyapura post Bengaluru Karnataka 560097

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