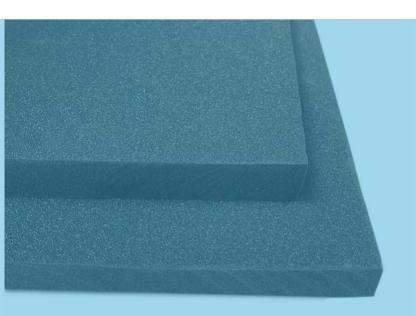


DATASHEETSIREX® EVA N50



BENEFITS

- Consistent cell size and structure
- Outstanding purity
- Exceptional isotropic physical performance
- Extremely low odour

SIREX EVA N50

SIREX® EVA N50 is a closed cell, high-performance crosslinked PE foam. SIREX® EVA N50 has a very fine and uniform cell structure. SIREX® EVA N50 is chemically inert, odourless, environmentally friendly, recyclable and free from harmful chemical additives. SIREX® EVA N50 is delivered in blocks and is on demand also available in sheets at desired thickness, strips, with self-adhesive and much more. Don't hesitate to contact us for additional information regarding the possibilities.



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TECHNICAL INFORMATION

PROPERTY	TEST STANDARD	UNITS	TYPICAL VALUE
Apparent Density	BS EN ISO 7214:2012	kg/m³	
Skin/Skin			50 (nominal)
Cell Size (Cell Diameter)	Internal	mm	0.4
Compression Stress-Strain	BS EN ISO 7214:2012	kPa	
25% compression	25 mm cell-cell		50
50% compression			116
Tensile Strength	BS EN ISO 7214:2012	kPa	749
Tensile Elongation		%	243
Compression Set	BS EN ISO 7214:2012	% set	
25% comp., 22hr, 23°C	25 mm cell-cell		
½ h recovery			9
24 h recovery			2
Tear Strength	BS EN ISO 8067:2008 Method B	N/m	2880
Shore Hardness	BS EN ISO 868:2003		
OO Scale			46
Recommended maximum	Internal	°C	65
operating temperature*			
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.



