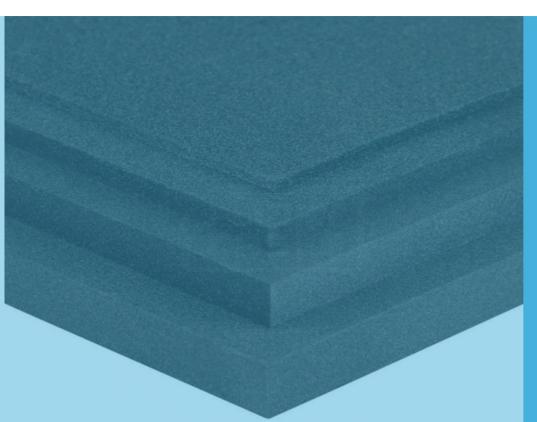
DATASHEET

SIREX[®] PE N29







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

SIREX PE N29

SIREX[®] PE N29 is a closed cell, high-performance crosslinked PE foam. SIREX[®] PE N29 has a very fine and uniform cell structure. SIREX[®] PE N29 is chemically inert, odourless, environmentally friendly, recyclable and free from harmful chemical additives. SIREX[®] PE N29 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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ur documentation, product information, recommendations and price lists have been mpiled to the best of our knowledge and ability, and are based on average values and ata known at the time of writing. They are not legally binding in any way







TECHNICAL INFORMATION

PROPERTY	TEST STANDARD	UNITS	TYPICAL VALUE
Apparent Density	BS EN ISO 7214:2012	kg/m ³	
Skin/Skin			29 (nominal)
Cell Size (Cell Diameter)	Internal	mm	0.8
Compression Stress-Strain	BS EN ISO 7214:2012	kPa	
25% compression	25 mm cell-cell		61
50% compression			126
Tensile Strength	BS EN ISO 7214:2012	kPa	337
Tensile Elongation		%	131
Compression Set	BS EN ISO 7214:2012	% set	
25% comp., 22hr, 23°C	25 mm cell-cell		
½ h recovery			10
24 h recovery			3
Tear Strength	BS EN ISO 8067:2008 Method B	N/m	1760
Shore Hardness	BS EN ISO 868:2003		
OO Scale			54
Recommended maximum	Internal	°C	95
operating temperature*			

* 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 dependent on a number of system variables such as, sample dimensions, cell size, loading conditions and exposure period.



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