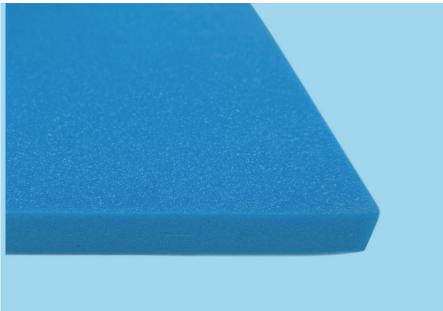
<u>ismt</u>





BENEFITS

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

SIREX PE LD33

SIREX[®] PE LD33 is a closed cell, high-performance crosslinked PE foam. SIREX[®] PE LD33 has a very fine and uniform cell structure. SIREX[®] PE LD33 is chemically inert, odourless, environmentally friendly, recyclable and free from harmful chemical additives. SIREX[®] PE LD33 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 ita 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			33 (nominal)
Cell Size (Cell Diameter)	Internal	mm	0.4
Compression Stress-Strain	BS EN ISO 7214:2012	kPa	
25% compression	25 mm cell-cell		66
50% compression			133
Tensile Strength	BS EN ISO 7214:2012	kPa	419
Tensile Elongation		%	149
Flammability	FMVSS.302 – Burn rate	<100	Pass at 9 mm
Automotive		mm/min	
Compression Set	BS EN ISO 7214:2012	% set	
25% comp., 22hr, 23°C	25 mm cell-cell		
½ h recovery			9
24 h recovery			4
Tear Strength	BS EN ISO 8067:2008 Method B	N/m	1888
Shore Hardness	BS EN ISO 868:2003		
OO Scale			58
Recommended maximum	Internal	°C	95
operating temperature*			
Water Absorption	ISO 2896:2001 Ed3.	%	<1
Thermal Conductivity	ISO 8301:1991	W/mK	0.039
Mean temperature 10°C			

* 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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