



BENEFITS

- Fully closed cell
- Fine, regular cell structure
- Good mechanical properties
- Excellent thermal insulation
- Minimal water absorption
- Very low water vapour permeability
- Chemically inert, good resistance to most chemicals
- Environmentally friendly
- Non-toxic
- Does not contain CFCs

SIREX BLOCK P28

SIREX® BLOCK P28 is a fine-celled, physically crosslinked PE foam. SIREX® BLOCK P28 has a very fine and uniform cell structure. SIREX® BLOCK P28 is chemically inert, odourless, environmentally friendly, recyclable and free from harmful chemical additives. SIREX® BLOCK P28 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

PROPERTIES	STATUS	NORM	UNIT	AVERAGE	MIN	MAX
General						
thickness	**	ISO-1923	mm		- 0	
apparent density	**	ISO-845	kg/m ³	28	25	31
Compression Stress/Strain, S		ISO-3386-1				
deflection 25%	F		kPa	50	35	65
deflection 40%	F		kPa	83	56	110
deflection 50%	F		kPa	120	80	160
Compression Set 25%		ISO-1856-C				
deflection 25%, ½ h after discharge	F		%	14	10	18
deflection 25%, 24 h after discharge	F		%	8.5	6	11
Thermal Stability		Internal				
max. temperature dimensional change, lengthwise and crosswise	F		°C	max. 110		
	F		%	< -5		
Water Absorption		ISO-2896				
vol. % water absorption	F		vol%	<1		
Flammability		ISO-3795				
burning speed	F		mm/min			< 100
Thermal Conductivity		ISO-8301				
at 10 °C	P		W/mK	0.036		
at 40 °C	P		W/mK	0.040		

All properties are based on individual values and should be considered as guideline, not as specification.

** : to be considered as specification

P : to be considered as provisional property

F : to be considered as final property