SEKISUI alveo

Technical Data Sheet B

Physical properties acc. to ISO 7214-2012

Alveobloc NA AB 3600 all thicknesses

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						
Deflection 25%	F	ISO-3386-1	kPa	50	35	65
Deflection 40%	F			83	56	110
Deflection 50%	F			120	80	160
Compression Set						
Deflection 25%, 1/2h after discharge	F	ISO-1856-C	%	14	10	18
Deflection 25%, 1/2h after discharge	F			8.5	6	11
Thermal Stability						
Max. Temperature	F	internal	°C			100
Dimensional change, length- and crosswise	F		%			-5
Water Absorption						
Vol% water absorption	F	ISO 2896	vol%			1
Flammability						
burning speed	F	ISO 3795	mm/min			100
Thermal Conductivity						
at 10°C	F	ISO 8301	W/mK	0.036		
at 40°C	F			0.040		

This information on Alveobloc® crosslinked polyolefin foam is presented to our best knowledge.
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
For details re. test methods, please refer to the latest revision of the Sekisui Alveo Test Manual

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