Technical Data Sheet B

Physical Properties acc. ISO 7214 - 2007

Alveolit TA FR 20 01

MDS-1891/B1

Properties	Status	Norm	Unit	Average	Min	Max
General						
Thickness	**	ISO-1923	mm	1,000	0,900	1,100
Area weight	**	Internal	g/m2	50	42	58
Apparent density	**	ISO-845	kg/m3	50,0	43,0	57,0
Tensile Strength @ 23°C						
lengthwise at break	P	ISO-1926	kPa	580	440	720
crosswise at break	P			360	270	450
Tensile Elongation @ 23°C						
lengthwise	P	ISO-1926	%	160	110	210
crosswise	P			150	100	200
Compression Stress/Strain, S						
deflection 10%	P	ISO-3386-1	kPa	17	8	26
deflection 25%	P			40	28	52
deflection 50%	P			110	80	140
Compression Set						
deflection 50%, 1/2h after discharge	P	ISO-1856-C	%	46,0	32,2	49,0
deflection 50%, 24h after discharge	P			10,5	7,4	13,6
Thermal Stability						
Max. Temperature	F	Internal	°C			100
Dimensional change, lengthwise and crosswise	P		%			-5
ISO 3795 - Flammability						
burning speed	P	ISO-3795	mm/min			100
Test comply with Norm	P	ISO 3795	pass/fail	Pass	Pass	Pass

This information on Alveolit® 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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