

Technical Data Sheet A

Physical Properties acc. ISO 7214 - 2007
 Alveolen NA 3620

Properties	Status	Norm	Unit	Max	Average
General					
Apparent density	**	ISO-845	kg/m ³		28,0
Tensile Strength @ 23°C					
lengthwise at break	F	ISO-1926	kPa		288
crosswise at break	F				248
Tensile Elongation @ 23°C					
lengthwise	F	ISO-1926	%		118
crosswise	F				112
Compression Stress/Strain, S					
deflection 25%	F	ISO-3386-1	kPa		46
deflection 40%	F				80
deflection 50%	F				115
Compression Set					
deflection 25%, 1/2h after discharge	F	ISO-1856-C	%		15
deflection 25%, 24h after discharge	F				9,5
Thermal Stability					
Max. Temperature	F	Internal	°C	100	
Dimensional change, lengthwise and crosswise	F		%	-5	
Shore Hardness					
Shore A	F	ISO 868-1985			10
Shore 0	F	ASTM D2240			15
Shore 00	F				52
Water Absorption					
vol % water absorption		ISO 2896	%	1	
Thermal Conductivity					
at 10°C	P	ISO 8301	W/mK		0,034
at 40°C	P				0,038

This information on Alveolen® 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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RM/28-03-2006