

## Technical Data Sheet A

Physical Properties acc. ISO 7214 - 2007  
 Alveolen NA 3630

Properties	Status	Norm	Unit	Max	Average
<b>General</b>					
Apparent density	**	ISO-845	kg/m <sup>3</sup>		28,0
<b>Tensile Strength @ 23°C</b>					
lengthwise at break	P	ISO-1926	kPa		250
crosswise at break	P				240
<b>Tensile Elongation @ 23°C</b>					
lengthwise	P	ISO-1926	%		110
crosswise	P				110
<b>Compression Stress/Strain, S</b>					
deflection 10%	P	ISO-3386-1	kPa		25
deflection 25%	P				45
deflection 40%	P				85
deflection 50%	P				120
<b>Compression Set</b>					
deflection 25%, 1/2h after discharge	P	ISO-1856-C	%		12
deflection 25%, 24h after discharge	P				8,0
<b>Thermal Stability</b>					
Max. Temperature	P	Internal	°C	100	
Dimensional change, lengthwise and crosswise	P		%	-5	
<b>Water Absorption</b>					
vol % water absorption		ISO 2896	%	1	

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

Alveolen® - Registered trademark of Sekisui Alveo AG

RM/27-08-2007