

TDS Technical Data Sheet A



Properties	Status	Norm	Unit	Max	Average
General					
Thickness	**	ISO-1923	mm		3.00
Apparent density	**	ISO-845	kg/m ³		185
Tensile Strength @ 23 °C					
lengthwise at break	F	ISO-1926	kPa		2197
crosswise at break	F				1763
Tensile Elongation @ 23°C					
lengthwise	F	ISO-1926	%		275
crosswise	F				218
Compression Stress/Strain, S					
deflection 25%	F	ISO-3386-1	kPa		360
deflection 40%	F				478
deflection 50%	F				643
Compression Set 25%					
deflection 25%, 1/2h after discharge	F	ISO-1856-C	%		6,5
deflection 25%, 24h after discharge	F				3,8
Thermal Stability					
Max. Temperature	F	Internal	°C	100	
Dimensional change, lengthwise and crosswise	F		%	-5	
Shore Hardness					
Shore A	F	ISO 868			50
Shore 0	F	ASTM D2240			56
Shore 00	F				84

This information on Alveosoft 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