



PE ALVEOSOFT SA CM2 005 05

Polyethylene Foam (PE)

Last Changed

19-01-2010

Properties	Standard (Test method)	Unit	Value
Density	ISO 845	kg/m ³	-
Shore hardness			-
Thickness	ISO 1923	mm	5,04
Weight	Internal	g/m ²	-
Temperature max	Internal	°C	90
Compression deflection 25%	ISO 1856	kPa	Avg. 4
Compression deflection 50%	ISO 1856	kPa	Avg 7
Compression set; 25%	ISO 3386	%	-
Compression set; 50 %	ISO 3386	%	Avg. 7
Tensile elongation crosswise	ISO 1926	%	Avg. 72
Tensile elongation lengthwise	ISO 1926	%	Avg. 83
Tensile strength crosswise	ISO 1926	kPa	Avg. 135
Tensile strength lengthwise	ISO 1926	kPa	Avg. 188
Thermal conductivity at 10°C	ISO 8301	w/mk	0,034
Water absorption	ISO 2896	%	1,7
Flammability	FMVSS 302	mm/min	>100
Flammability	DIN 4102, B1	mm/min	>150

Miscellaneous:

This information on ALVEO®-SOFT 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.

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