



## PE Alveolit TA 4010

Polyethylene Foam (PE)

Last Changed

19-01-2010

Properties	Standard (Test method)	Unit	Value
Density	ISO 845	kg/m <sup>3</sup>	25 (+/- 2)
Shore hardness			
Thickness	ISO 1923	mm	10 (+/- 0,15)
Weight	Internal	g/m <sup>2</sup>	Avg. 250
Temperature max	Internal	°C	100
Compression deflection 25%	ISO 1856	kPa	Avg. 15
Compression deflection 50%	ISO 1856	kPa	Avg 100
Compression set; 25%	ISO 3386	%	Avg 37
Compression set; 50 %	ISO 3386	%	-
Tensile elongation crosswise	ISO 1926	%	Avg. 110
Tensile elongation lengthwise	ISO 1926	%	Avg. 120
Tensile strength crosswise	ISO 1926	kPa	Avg. 180
Tensile strength lengthwise	ISO 1926	kPa	Avg. 270
Thermal conductivity at 10°C	ISO 8301	w/mk	0,034
Water absorption	ISO 2896	%	1,0
Flammability	ISO 3795	mm/min	>100
Flammability	FMVSS 302	mm/min	>100

### Miscellaneous:

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.

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