



SPECIFICATION SHEET

165kg m3 Closed Cell PE Foam

Desc.	Standard	Value	Unit
Density	ISO 845	165	Kg/m ³
Tensile strength	ISO 1798	1870	kPa
Elongation	ISO 1798	155	%
Compression 10%	ISO 844	346	kPa
Compression 25%	ISO 844	423	kPa
Compression 50%	ISO 844	622	kPa
Compression Set -0.5Hrs	ISO 1856	4.0	%
Compression Set -24H	ISO 1856	3.0	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption % Vol (Max)	Internal	1	%
Thermal Conductivity at 10°C	ASTM C177	0.080	W/mK
Shore-A	ASTM D2240	45	A
Shore-OO	ASTM D2240	85	oo
Flammability (>2mm)	FMVSS302	Pass	

All data is based on a 10mm thick sample

The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, Alanto Ltd does not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information.

We recommend evaluation prior to use to ascertain the suitability of the material for the application.

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