



Last Update: 7 October 2009

### PA33 Technical Data Sheet

Test	Standard	Result	Measured Unit
Density	ISO 845	33	Kg/m <sup>3</sup>
Tensile strength	ISO 1798	305	kPa
Elongation	ISO 1798	187	%
Compression 10%	ISO 844	54	kPa
Compression 25%	ISO 844	70	kPa
Compression 50%	ISO 844	132	kPa
Compression Set 25% 0.5H	ISO 1856	15.0	%
Compression Set 25% 24H	ISO 1856	4.0	%
Compression Set 50% 0.5H	ISO 1856	30.0	%
Compression Set 50% 24H	ISO 1856	17.0	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.30	g/m <sup>2</sup> *24h
Thermal Conductivity at 10C	ASTM C177	0.0380	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0410	W/mK
Shore-A	ASTM D2240	9	Shore A
Shore-OO	ASTM D2240	50	Shore-oo

Palfoam is a closed cell cross-linked polyethylene foam block.

Tolerances other than the above may be negotiated.

Dimensional stability 24 hr at 70C < 2%.

If holes were created during the foaming process, no more than 5 holes of diameter 2mm per 1m<sup>2</sup> sheet are acceptable.

This information on Palfoam chemically cross-linked polyethylene foam is presented to the best of our knowledge.

Data represents typical values measured on a 10 mm thick specimen and should be considered as a guideline only.

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