



Description	Standard	Value	Unit
Density	ISO 845	50	Kg/m <sup>3</sup>
Tensile strength	ISO 1798	468	KPa
Elongation	ISO 1798	235	%
Compression 10%	ISO 844	85	kPa
Compression 25%	ISO 844	103	kPa
Compression 50%	ISO 844	171	kPa
Comp. set 25% 0.5h	ISO 1856	10	%
Comp. set 25% 24h	ISO 1856	3	%
Comp. set 50% 0.5h	ISO 1856	33	%
Comp. set 50% 24h	ISO 1856	14.5	%
Working temp. range	Internal	-60/90	°C
Thermal conductivity at 10°C	EN 12677	0.044	W/mK
Thermal conductivity at 40°C	EN 12677	0.046	W/mK
Water absorption Vol. (max)	Internal	1	%
Water vapour transmission	ISO 1663	0.7	g/m <sup>2</sup> *24
Shore	ISO 868	60	00

Last Update: March 2016

**FR standards: FMVSS302 – 50 mm/min .**

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%

Dimensional stability 24 hr at 90C < 5%

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