



Last Update: 18/9/2011

GA50 Technical Data Sheet

Test	Standard	Result	Measured Unit
Density	ISO 845	50	Kg/m ³
Tensile strength - MD	ISO 1798	485	kPa
Tensile strength - TD	ISO 1798	393	kPa
Elongation - MD	ISO 1798	124	%
Elongation - TD	ISO 1798	139	%
Compression 10%	ISO 844	41	kPa
Compression 25%	ISO 844	67	kPa
Compression 50%	ISO 844	140	kPa
Compression Set 25% 0.5H	ISO 1856	12.0	%
Compression Set 25% 24H	ISO 1856	4.0	%
Compression Set 50% 0.5H	ISO 1856	39.0	%
Compression Set 50% 24H	ISO 1856	22.0	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.05	g/m ² *24h
Thermal Conductivity at 10C	ASTM C177	0.0380	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0420	W/mK
Shore-OO	ASTM D2240	60	Shore-oo
Flammability	FMVSS302	40	mm/min

Galfoam is closed cell cross-linked polyethylene foam sheet, produced using an extrusion process.

This information is presented to the best of our knowledge; we reserve the right to modify it.

- WRAS approved for cold water use.
- Dimensional stability 24 hr at 70C < 2%.
- If pinholes were created during the foaming process, no more than 6 holes of diameter 2mm per 1m² of sheet are acceptable.
- MD - machine direction - along the extruder's axis.
- TD - transverse direction - Perpendicular to the extruder's axis.
- Data represents typical values measured on a 10 mm thick specimen and should be considered as a guideline only.

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