



Last Update: 27 December, 2011

GA100 - Technical Data Sheet

Test	Standard	Result	Measured unit
Density	ISO 845	100	Kg/m ³
Tensile strength - MD	ISO 1798	1006	kPa
Tensile strength - TD	ISO 1798	830	kPa
Elongation - MD	ISO 1798	150	%
Elongation - TD	ISO 1798	158	%
Compression 10%	ISO 844	147	kPa
Compression 25%	ISO 844	181	kPa
Compression 50%	ISO 844	301	kPa
Compression Set 25% 0.5H	ISO 1856	6.5	%
Compression Set 25% 24H	ISO 1856	3.5	%
Compression Set 50% 0.5H	ISO 1856	31.5	%
Compression Set 50% 24H	ISO 1856	11	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption %Vol (max)	Internal	1	%
Thermal Conductivity at 10C	ASTM C177	0.0470	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0500	W/mK
Shore A	ASTM D2240	38	A

Galfoam is closed cell cross-linked polyethylene foam sheet, produced in 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.