



Last Update: 13 May, 2013

GA25FHZ - Technical Data Sheet

Test	Standard	Result	Measured unit
Density	ISO 845	25	Kg/m ³
Tensile strength - MD	ISO 1798	221	kPa
Tensile strength - TD	ISO 1798	168	kPa
Elongation - MD	ISO 1798	75	%
Elongation - TD	ISO 1798	89	%
Compression 10%	ISO 844	15	kPa
Compression 25%	ISO 844	37	kPa
Compression 50%	ISO 844	94	kPa
Compression Set 25% 0.5H	ISO 1856	21.5	%
Compression Set 25% 24H	ISO 1856	10	%
Compression Set 50% 0.5H	ISO 1856	46.5	%
Compression Set 50% 24H	ISO 1856	32	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	0.7	g/m ² *24h
Thermal Conductivity at 10C	EN 12667	0.0367	W/mK
Thermal Conductivity at 40C	EN 12667	0.0405	W/mK
Shore-OO	ASTM D2240	47	oo

FR standards - France M1, Spain M1, FAR 25.853, EN 13501-1 B-S3-D0

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.

- 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.