



Last Update: 9 April, 2014

GA25 - Technical Data Sheet

Test	Standard	Result	Measured unit
Density	ISO 845	25	Kg/m ³
Tensile strength - MD	ISO 1798	278	kPa
Tensile strength - TD	ISO 1798	209	kPa
Elongation - MD	ISO 1798	94	%
Elongation - TD	ISO 1798	112	%
Compression 10%	ISO 844	17	kPa
Compression 25%	ISO 844	37	kPa
Compression 50%	ISO 844	96	kPa
Compression Set 25% 0.5H	ISO 1856	16.5	%
Compression Set 25% 24H	ISO 1856	9.5	%
Compression Set 50% 0.5H	ISO 1856	39	%
Compression Set 50% 24H	ISO 1856	30.5	%
Working Temperature Range	Internal	-60 \ 80	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	0.97	g/m ² *24h
Thermal Conductivity at 10C	ASTM C177	0.039	W/mK
Thermal Conductivity at 40C	ASTM C177	0.045	W/mK
Shore-OO	ASTM D2240	48	oo

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.