



Last Update: 20 August, 2014

GA45 - Technical Data Sheet

Test	Standard	Result	Measured unit
Density	ISO 845	45	Kg/m ³
Tensile strength - MD	ISO 1798	417	kPa
Tensile strength - TD	ISO 1798	343	kPa
Elongation - MD	ISO 1798	125	%
Elongation - TD	ISO 1798	136	%
Compression 10%	ISO 844	36	kPa
Compression 25%	ISO 844	58	kPa
Compression 50%	ISO 844	125	kPa
Compression Set 50% 0.5H	ISO 1856	38	%
Compression Set 50% 24H	ISO 1856	22	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.3	g/m ² *24h
Thermal Conductivity at 10C	ASTM C177	0.040	W/mK
Thermal Conductivity at 40C	ASTM C177	0.043	W/mK
Shore-OO	ISO 868	62	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.