



Last Update: 10 June, 2014

GA45SD/Fuzion 3SDF - Technical Data Sheet

Test	Standard	Result	Measured unit
Density	ISO 845	45	Kg/m ³
Tensile strength - MD	ISO 1798	377	kPa
Tensile strength - TD	ISO 1798	326	kPa
Elongation - MD	ISO 1798	45	%
Elongation - TD	ISO 1798	55	%
Compression 10%	ISO 844	47	kPa
Compression 25%	ISO 844	66	kPa
Compression 50%	ISO 844	134	kPa
Compression Set 25% 0.5H	ISO 1856	10	%
Compression Set 25% 24H	ISO 1856	5	%
Compression Set 50% 0.5H	ISO 1856	28.5	%
Compression Set 50% 24H	ISO 1856	19	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption %Vol (max)	Internal	1	%
Shore-00	ASTM D2240	68	00

Surface resistivity - $10 \times 10^7 \Omega$ OHM/square

Corrosion resistant - MIL STD 3010, Mil-B-81705C & Fed. Test Std. 101C, Method 3005

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.