GA45SD - Technical Data Sheet

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

Surface resistivity - 10*7 Ω 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.