



Palziv

CROSS-LINKED FOAM SOLUTIONS

Galfoam

Product Specification

Date: 8/8/2008

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Foam Grade: GA 350

Physical Properties	Property		Test Method	Units	Values
	Density - Nominal			ISO-845	Kg/m ³
Density Range					25 - 32
Tensile Strength MD			ISO-1798	kPa (min)	256
Tensile Strength TD					213
Elongation at Break MD				% (min)	73
Elongation at Break TD					92
Compressive Stress					
Deflection	10%	ISO -844	iii	kPa	17 - 24
	25%				35 - 48
	50%				94 - 112
Compression Set	25% 1/2hr	ISO-1856	iv	% (max)	15
	25% 24hr				6
	50% 1/2hr				40
	50% 24hr				29
Working Temperature Range			Internal	C	-60 / +90
Water Absorption 7 days			Internal	% Vol (max)	1
Flammability			MVSS302		PASS
Thermal Conductivity at 10C			ASTM C-177	W/mK	0.038
Thermal Conductivity at 40C			ASTM C-177	W/mK	0.042
Water Vapour Transmission			ISO 1663	g/m ² *24h	1.2

Galfoam is a closed cell cross-linked polyethylene foam roll.

Dimensions:

Length	Width	Thickness
Per Order	1000 - 2000	5 - 15
-0% / +2%	-1% / +3%	-5% / +5%

- Tolerances other than the above may be negotiated.
- Dimension stability 24 hr at 70°C < 2%.
- If holes were created during the foaming process, no more than 5 holes of diameter ≥ 2mm per 100 m² sheet are acceptable.

Environment	See MSDS	
Marking	Palziv	Roll #
	Date	
	Order #	Series #
	Product name Length of roll in meters	

- i Machine Direction - along the extruder's axis.
- ii Traverse Direction - Perpendicular to the extruder's axis.
- iii Deflection up to 70% with piling.
- iv Method C: 22 hr at 23°C.

This information on Galfoam chemically cross-linked polyethylene foam is presented to the best of our knowledge. Data represents typical values measured on a 10 mm thick specimen and should be considered as guidelines only.

PALZIV Kibbutz Ein Hanatziv 10805 Israel. Tel: 972-4-6062999 Fax: 972-4-8062956
www.palziv.com email: contact@palziv.com