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Specification Sheet / 01
GA29 - Closed Cell Cross-Linked Polyethtylene Foam

8320
Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

Description	***Test***	***Standard value***	***Unit***
Density	ISO 845	29	Kg/m?
Tensile Strength - MD	ISO 1798	33 3	kPa
Tensile Strength - TD	ISO 1798	272	kPa
Elongation - MD	ISO 1798	104	%
Elongation - TD	ISO 1798	114	%
Compression 10%	ISO 844	23	kPa
Compression 25%	ISO 844	43	kPa
Compression 50%	ISO 844	104	kPa
Compression Set – 0.5 Hrs	ISO 1856	15	%
Compression Set – 24 Hrs	ISO 1856	8.5	%
Working Temperature Range	Internal	-60 \ 90	°C
Water Absorption %Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.2	g/m²*24h
Thermal Conductivity at 10C	ASTM C177	0.0380	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0420	W/mK
Flammability	FMVSS302	71	mm/min
GA25 is a closed cell cross-linked polyethylene foam sheet			
Tolerances other than the above may be negotiated.			
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 – traverse direction – Perpendicular to the extruder' s axis.			
This information on GA29 chemically cross-linked polyethylene foam is presented to the best of our knowledge. Data represents typical values measured on a 10mm thick specimen and should be considered as guidelines only.			

Change Control Date	***Change***
30/08/2013	Created