

**Product data**  
**25KG PE**

Desc (lang 2)	Standard	Value	Unit
Density	ISO 845	25	KG/m <sup>3</sup>
Tensile strength	ISO 1798	252	kPA
Elongation	ISO 1798	161	%
Compression 10%	ISO 844	34	kPA
Compression 25%	ISO 844	52	kPA
Compression 50%	ISO 844	113	kPA
Compression Set -0.5 Hrs	ISO 1856	16.0	%
Compression Set -24 Hrs	ISO 1856	4.0	%
Compression Set 50% 0.5 Hrs	ISO 1856	33..0	%
Compression Set 50% 24 Hrs	ISO 1856	21.0	%
Working Temperature Range	Internal	-60 / 90	°C
Water Absorption % Vol (max)	Internal	1	%
Water Vapour Transmission	ISO 1663	1.28	g/m <sup>2</sup> *24h
Thermal Conductivity at 10C	ASTM C177	0.0380	W/mK
Thermal Conductivity at 40C	ASTM C177	0.0410	W/mK
Shore-00	ASTM D2240	46	∞
Flammability	FMVSS302	67	mm/min

- Gilca 25 kg PE foam is a closed cell cross-linked polyethylene foam block.
- Tolerances other than the above may be negotiated.
- Dimensional stability 24 hr at 70C < 2%.
- If holes were created during the foaming process, no more than 6 holes of diameter 2mm per 1 m<sup>2</sup> sheet are acceptable.

- This information on Gilca 25 kg PE foam 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.foam is presented to the best of our knowledge.

Last update: 10/07/2009