

Foam Grade: PA 300

Physical Properties	Property		Test Method	Units	Values
	Density - Nominal			ISO-845	Kg/m ³
Density Range					29 - 39
Tensile Strength				kPa (min)	268
Elongation at Break			ISO-1798	% (min)	144
Compressive Stress					
Deflection		25% 50%	ISO -844 ii	kPa	64 - 92 125 - 166
Compression Set		25% ½hr 25% 24hr 50% ½hr 50% 24hr	ISO-1856 iii	% (max)	15 4
Working Temperature Range			Internal	C	-60 / +90
Water Absorption 7 days			Internal	% Vol (max)	1
Shore Hardness			ASTM-2240	Shore OO (min)	50

Visual Aspect	<p>Palfoam is a closed cell cross-linked polyethylene foam block. The block's net dimensions in mm after removing the skin:</p> <table border="1"> <thead> <tr> <th>Length</th> <th>Width</th> <th>Thickness</th> </tr> </thead> <tbody> <tr> <td>2000</td> <td>1000</td> <td>100</td> </tr> </tbody> </table>			Length	Width	Thickness	2000	1000	100	
	Length	Width	Thickness							
2000	1000	100								
<p>? Foam's surface - smooth.</p> <p>? If holes were created during the foaming process, the defect occurrence within the net size block may not exceed:</p> <table border="1"> <thead> <tr> <th>Hole Diameter</th> <th>< 2 mm</th> <th>2-5 mm</th> <th>>5 mm</th> </tr> </thead> <tbody> <tr> <td>Occurance of holes per m²</td> <td>6</td> <td>2</td> <td>1</td> </tr> </tbody> </table>			Hole Diameter	< 2 mm	2-5 mm	>5 mm	Occurance of holes per m ²	6	2	1
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Environment	See MSDS		
Marking	dd / mm / Semi-lot		(density) color #

- i Measured on 25 mm thick samples taken both from block's centre and block's edge.
- ii Deflection up to 70% with piling.
- iii Method C; 22 hr at 23°C; sample taken from block's center.

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

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