



Foam Grade: PB150 Black

Physical Properties	Property		Test Method	Units	Values													
	Density - Nominal		ISO-845	Kg/m ³	67													
Density Range ⁱ		63 - 73																
Tensile Strength		ISO-1798	kPa (min)	780														
Elongation at Break				% (min)	100													
Compressive stress		ISO 844 ⁱⁱ	kPa															
Deflection	25%			45 – 75														
	50%			101-131														
Compression set	25% 1/2hr	ISO 1856 ⁱⁱⁱ	% (max)	10														
	25% 24hr			3														
	50% 1/2hr																	
	50% 24hr																	
Working temperature range		Internal	C ⁰	-60 / +80														
Water absorption 7days		Internal	% vol (max)	1														
Flammability		FMVSS302	< 100 mm/min	Pass														
Visual Aspect	Palfoam is a closed cell cross-linked polyethylene foam block. The block's net dimensions in mm after removing the skin:																	
	<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>55</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Foam's surface – smooth. If holes were created during the foaming process, the defect occurrence within the net size block may not exceed: <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>					Length	Width	Thickness	2000	1000	55	Hole Diameter	< 2 mm	2-5 mm	>5 mm	Occurance of Holes per m ²	6	2
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Hole Diameter	< 2 mm	2-5 mm	>5 mm															
Occurance of Holes per m ²	6	2	1															
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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