

Technical Data

Product: Akyboard D4 1500 g/m² 3DS - 4 mm

Market: Wall protection for commercial and service vehicles

Core Layer: Akyboard D4-1500 g/m²

Upper Layer: 3DS polypropylene surface

Lower Layer: sanded polypropylene surface

Property	Unit	Result	Method
Surface Weight	g/m ²	1 500	Intern
Thickness	mm	4	Intern
Density	g/cm ³	0,38	Intern
Flexural Break resistance (Distance between fulcrums: 100 mm, test speed 300 mm/mn, sample dimension: 40*200 mm)	N	70	ISO 178
Flexural rigidity (Distance between fulcrums: 100 mm, test speed 5 mm/mn, sample dimension: 40*200 mm)	N/mm	6,9	ISO 178
Hardness	Shore D	> 25	ISO 868
Dimensional variation 22 H, 70°C	%	< 0,5	Intern
Impact resistance at 23°C (Steel ball 500g, falling height : 250 mm)		No effect	Intern
Impact resistance at -30°C (Steel ball 500g, falling height : 250 mm)		No effect	Intern
Flame propagation speed	mm/mn	< 100	FMVSS 302
Smell (Sample 2 hours at 70°C in oven)		No persistent odour	Intern
Volatile Organic Components		Not detectable at room temperature	

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