

Product Datasheet / Edition 10/15 / Replaces Edition 12/14

28.09.2015/Bea

Characteristics:

Application	KAPA@mount serves as support base for digital prints and large format photographs, high quality mounting applications, etc. and as fill-in panel for exhibition and display systems.
Sheet construction	Sandwich element with PUR rigid foam core and aluminium-reinforced liners based on folding boxboard.
Behaviour in external conditions	The board is flame retardant according to DIN 4102 B2. The foam shows no water absorption, only in cut cells. The layer is not resistant against water/humidity.
Chemical effects	The foam is resistant against solvents and glues. To use glues with toluol please make trials first. The surface layer is resistant against glues and inks.
Behaviour against thermal effects	Sheet processing temperature Continuous Td = -20 up to 100°C Short-term Tk = up to 130°C
Additional compliance to following standards	DIN ISO 9001:2008 DIN ISO 14001:2004 BS OHSAS 18001:2007 (Development, manufacturing and sales of lightweight boards and PUR-forming parts)

For more information please see www.display.3AComposites.com

All data are based on our current knowledge and experience.

They are considered as a reference without being legally binding.



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Technical Datasheet / Edition 10/15 / Replaces Edition 12/14

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Technical Data:

Attribute	Value			Tolerance	Unit	Method
Thickness	3	5	10	± 0,6	mm	KAPA-Meth.
Density	55	47	45	± 3	kg/m ³	KAPA-Meth.
Weight per unit area	800	870	1070		g/m ²	KAPA-Meth.
Fire certification	B2				-	DIN 4102
Compression strength 10% compression set	~0,1	~0,1	~0,4		N/mm ²	DIN 53421
Memory effect 10% compression set	~95	~95	~95		%	DIN 53421
Elastic modulus (E-Modul)	~1,8	~2,1	~4,5		N/mm ²	DIN 53421
Bending strength	~9,8	~4,9	~3,0		N/mm ²	DIN 53423
Closed cell structure	> 95				-	KAPA-Meth.
pH- value	~8,4 (acid-free)				-	DIN 53124
CIE lab value (approx. values)	~L=90 (a=-0,4 b=-1,9)				-	MINOLTA

For available sizes please see delivery programme.
Tolerances in size:

Width		± 1 mm
Length	< 2400	± 1 mm
	> 2400	- 1 + 10 mm
Tolerance in right angle		± 1 mm / m

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