KAPA®

KAPA®tex

Product Datasheet / Edition 11/17 / Replaces Edition 02/12

Characteristics:

Application	KAPA®tex is a UV-curing ink and solvent ink printable board in canvas optics.
Sheet construction	sandwich element with PUR rigid foam core. The paper facing are structured and coated with latex binders.
Behaviour in external conditions	The board is not flame retardant. The foam shows no water absorption, only the cut cells. The layer is not resistant against water/humidity.
Chemical effects	The foam is resistant against nearly all solvents and glues. For glues with toluol please make trials. The layers can be processed with standard glues and inks.
Behaviour against thermal effects	Sheet processing temperature Continuous Td = -20℃ up to 100℃ Short-term Tk = up to 130℃
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.

3A COMPOSITES

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Technical Data:

Attribute	Value		Tolerance	Unit	Method
Thickness	5	10	± 0,6	mm	KAPA-Meth.
Density	47	45	± 3	kg/m³	KAPA-Meth.
Weight per unit area	695	910		g/m²	KAPA-Meth.
Fire classification	B3				DIN 4102
Compression strength 10% compression set	~0,2	~0,4		N/mm²	DIN 53421
Memory effect 10% compression set	~96	~97		%	DIN 53421
Elastic modulus (E-Modul)	~2,8	~5,8		N/mm²	DIN 53421
Bending strength	~2,6	~1,5		N/mm²	DIN 53423
Closed cell structure	> 95				KAPA-Meth.
pH-value	8,5 (acid-free)				DIN 53124
CIE lab value (approx. values)	L 94 (a=-0,8 b=+3,6)				MINOLTA

For available sizes please see delivery programme.

Tolerances:

Width		± 1 mm	
Length	< 2400	± 1 mm	
	> 2400	- 1 + 10 mm	
Right angle		± 1 mm / m	

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