KAPA®

KAPA® tex

Product Datasheet / Issue 08/11 / Replaces Issue 04/09

Characteristics:

application:	KAPA®tex is a UV-curing ink and solvent ink printable board
panel 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 cutted cells. The layer is not resistent against water/humidity.
chemical effects:	The foam is resistent against solvents and glues. For glues with toluol please make trials. The layer is resistent against customary glues and inks.
behaviour against thermal effects:	Sheet processing temperature continuous T_d = -20℃ up to 100℃ short-term T_k = up to 160℃
additional compliance to following standards:	Certificate ISO 9001:2008 ISO 14001:2004 and OHSAS 18001:2007 Development, manufacturing and sales of lightweight boards and PUR-formed parts

All data are based on our current knowledge and experience. They are considered as a reference without being legally binding.

3A COMPOSITES

3A Composites GmbH
Kiefernweg 10
49090 Osnabrück, Germany
display.eu@3AComposites.com
www.display.3AComposites.com

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Technical Datasheet/ Issue 08/11 / Replaces Issue 04/09

Technical Data and Tolerances:

attribute	value		tolerance	unit	method
thickness	5,0	10,0	± 0,6	mm	KAPA-Meth.
density	50,0	47,0	± 3	kg/m³	KAPA-Meth.
weight per unit area	690	910	-	g/m²	KAPA-Meth.
compression strength 10% compression set	~0,15	~0,44	-	N/mm²	DIN 53421
memory effect 10% compression set	~96	~97	-	%	DIN 53421
elastic modulus (E-Modul)	~1,8	~6,8	-	N/mm²	DIN 53421
bending strength	~2,1	~1,4	-	N/mm²	DIN 53423
closed cell structure	> 95		-	-	KAPA-Meth.
ph-value	8,9 (acid free)		-	-	DIN 53124
CIE lab value	L=93,8 (a=-1,80 b=+2,20)		-	-	MINOLTA

*** IPI Rochester**

Packaging Units

thickness in mm	5	10		
sizes in mm	sheets per box		tolerance	right angle
1000 x 700	24	0	± 1 mm	± 1 mm/m
3000 x 1400	18	12	-1+10mm	± 1 mm/m

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