

Product Datasheet / Issue 08/11 / Replaces Issue 01/08

Characteristics:

application:	KAPA [®] graph white is a basic board for design work, modelling, handicraft and hobby, back board for pictures and passe-partout board, presentation and carrier board.
panel construction:	sandwich–element with PUR–rigid foam core, fine cellulose
behaviour in external conditions:	The board is not flame retardant. 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. For glues with toluol please make trials. The layer is resistant 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 $160\text{ }^{\circ}\text{C}$
additional compliance to following standards:	CertificateDIN ISO 9001:2008 Certificate DIN ISO 14001:2004 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.



Technical Datasheet / Issue 08/11 / Replaces Issue 01/08

Technical Data and Tolerances:

attribute	value		tolerance	unit	method
thickness	3,0	5,0	$\pm 0,6$	mm	KAPA-Meth.
density	45	45	± 3	kg/m ³	KAPA-Meth.
weight per unit area	580	670	-	g/m ²	KAPA-Meth.
compression strength 10% compression set	~ 0,05	~ 0, 10	-	N/mm ²	DIN 53421
memory effect 10% compression set	~ 100	~ 99	-	%	DIN 53421
elastic modulus (E-Modul)	~ 1,4	~ 2,1	-	N/mm ²	DIN 53421
bending strength	~ 5,0	~ 3,4	-	N/mm ²	DIN 53423
closed cell structure	> 95			-	KAPA-Meth.
PAT (Photographic Activity Test)	passed				ISO 18916
ph-value	6,6			-	DIN 53124
CIE lab-value	L=96,38 (a=-0,19 b=+2,32)			-	MINOLTA

* IPI Rochester

Packaging Units:

thickness in mm	3	5		
sizes in mm	sheets per Box		tolerance	right angle
500 x 700	40	24	± 1 mm	± 1 mm/m
1000 x 700	40	24	± 1 mm	± 1 mm/m
1000 x 1400	40	24	± 1 mm	± 1 mm/m

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