KAPA®

KAPA® color

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

Characteristics:

application:	**KAPA®color** is a base plate for all creative work, modelling and presentation plate; base plate for passepartout and presentation use
panel construction:	sandwich–element with PUR–rigid foam core, plastic-coated cellucarton covering layers (bicolur versions)
behaviour in external conditions:	The board is not flame retardant The foam shows no water absorption, only in cut cells. The layer is not moisture-sensitive.
chemical effects:	The foam is resitant against solvents and glues. For glues with toluol please make trials. The layer is resitant against glues and inks.
behaviour against thermal effects:	Sheet processing temperature continuous T_d = -20°C up to 100 short-term T_k = up to 160 °C
additional compliance to following standards:	Certificate DIN ISO 9001:2008 Certificate DIN ISO 14001:2004 OHSAS 18001:2007 Development, manufacturing and sales of lightweight boards and PUR-forming parts

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 / Issue 08/11 / Replaces Issue 01/08

Technical Data an Tolerances:

attribute	value		tolerance	unit	method
thickness	3,0	5,0	± 0,6	mm	KAPA-Meth.
density	60	55	± 3	kg/m³	KAPA-Meth.
weight per unit area	775	870	-	g/m²	KAPA-Meth.
compression strength 10% compression set	~ 0,08	~ 0,19	-	N/mm²	DIN 53421
memory effect 10% compression set	~ 100	~ 98	-	%	DIN 53421
elastic modulus (E-Modul)	~ 2,85	~ 5,82	-	N/mm²	DIN 53421
bending strength	~ 9,32	~ 4,97	-	N/mm²	DIN 53423
closed cell structure	> 95			-	KAPA-Meth.
ph-value	6,6			-	DIN 53124

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		24**	± 1 mm	± 1 mm/m
1000 x 1400		24**	± 1 mm	± 1 mm/m

* only in bicolor (black and grey surface)
** also in bicolor and black /black and grey/grey

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