

DATASHEET



KAPA[®]ISO

CHARACTERISTIC

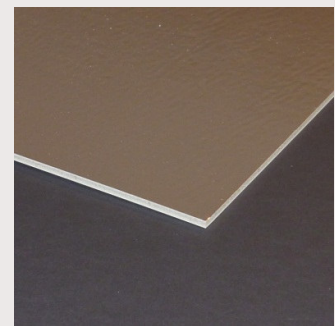
- Easily handling with cutter and blade
- Good physical / mechanical properties
- Water resistant and temperature stability
- Excellent insulation properties
- insensitive to moisture
- efficient storage of blanks

APPLICATIONS

- insulating transport packaging

HANDLING

- Easily handling with cutter and blade
- can easily be processed using conventional wood processing techniques on standard machinery
- Proper composite with almost all surfaces
- The application of adhesives containing solvents and hotmelts is possible. Single-component adhesive based on polyurethane or kaurit glue are particularly suitable as adhesives.



KAPA ISO is a sandwich element with PUR rigid foam and double – sided metallized coating

KAPA ISO is a special panel for the manufacture of variable-format, stamped transport packages with excellent insulation properties (insulation against heat and cold) for a period of between 12 and 24 hours.



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Technical values and units KAPA ISO	Value		Tolerance	Unit	Method
Panel thickness	3,5	6,0	± 0,6	mm	KAPA-Methode
Volume weight	40	40	± 3,0	kg / m ³	KAPA-Methode
Weight per unit area	230	330	-	g / m ³	KAPA-Methode
Compression resistance at 10 % compression set	< 0,10	< 0,20	-	N / mm ²	DIN 53421
Reset at 10 % compression set	~ 95	~ 95	-	%	DIN 53421
flexural strain	> 2,0	> 1,2	-	N / mm ²	DIN 53423
Closed cell structure	> 95	> 95	-	%	KAPA-Methode
Fire behaviour	B3	B3	-	-	DIN 4102
thermal conductivity	< 0,030	< 0,030	-	W m*K	DIN 4108

Delivery mode: on pallet
other formats available on request.

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The data provided gives approximate values for the nominal density. Due to density variations these values can be lower than indicated above. Minimum values to calculate sandwich constructions can be provided upon request. The information contained herein is believed to be correct and to correspond to the latest state of scientific and technical knowledge. However, no warranty is made, either expressed or implied, regarding its accuracy or the results to be obtained from the use of such information. No statement is intended or should be construed as a recommendation to infringe any existing patent.



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