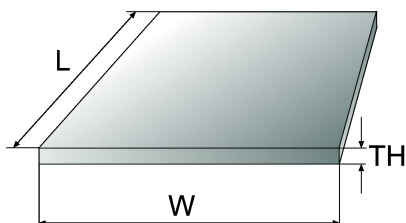


Transformerboard T IV

E1400A.P

Product description

Transformerboard T IV - precompressed / hot-press dried, dimensional stability and high compressibility



Product properties

Apparent density:	1.20g/cm ³	Raw material:	Unbleached kraft pulp
Moisture content:	≤ 6%	Thermal class:	105° (IEC 60085)
Surface:	Wire marks, uncalendered		
Norm	IEC 60641-3-1, type B.3.1 A	Norm (old)	DIN 7733 / PSP 3052

Product information

Production steps: Stock preparation, sheet forming, wet multiplying, drying by hot pressing and cutting.

Products produced from Transformerboard T IV: Strips, spacers, cylinders, plates, supports

Special Characteristics: Material is free of internal tensions, flat and provides high mechanical and electrical strength.

Special tolerances may be available upon request but are subject to manufacturing capabilities. Minimum order quantities may be required.

The minimum order quantity is valid for the master sizes. For other sizes the quantity is calculated according to cutting patterns.

Master size: 6300mm x 3200mm

Standard sizes: 6300mm x 3200mm, 6300mm x 1600mm, 4200mm x 3200mm, 4200mm x 1600mm, 3200mm x 3150mm, 3200mm x 2100mm, 3150mm x 1600mm, 2100mm x 1600mm, 2100mm x 1065mm

Special sizes that are available upon request: 6300mm x 2100mm, 6300mm x 1065mm, 4200mm x 2100mm, 3200mm x 1600mm, 1600mm x 1400mm, 1065mm x 1400mm and 1065mm x 1050mm. For the sizes 6300mm x 2100mm, 4200mm x 2100mm, 3200mm x 1600mm an additional cost for off-cuts must be included.

Existing article can be taken from the chart for product-variants.

For additional properties, please see additional information in table below.

Minimal order quantity: 1 STK

Alternative ordering unit: kg

Product parameter

	Description	Unit	Range of value	Constraint	Tolerances		Comment
					Min	Max	
GRE	external grade			= 400A			
TH	thickness	mm	1 ≤ TH ≤ 1.5 1.5 < TH ≤ 8	< 3mm in steps of 0.5mm ≥ 3mm in steps of 1mm	-7.5% -5%	+7.5% +5%	
L	length	mm	2100 ≤ L ≤ 6300		-50mm	+50mm	
W	width	mm	1065 ≤ W ≤ 3200		-50mm	+50mm	

Additional information

Property	Unit	Range of thickness in mm	Value
Apparent density	g/cm ³	≤ 1.6	1.1
		> 1.6 - 3.0	1.2
		> 3.0	1.2
Tensile strength, machine direction	MPa	≤ 1.6	114
		> 1.6 - 3.0	124
		> 3.0	134
Tensile strength, cross machine direction	MPa	≤ 1.6	86
		> 1.6 - 3.0	92
		> 3	102
Elongation, machine direction	%	1.0 - 8.0	3.9
Elongation, cross machine direction	%	1.0 - 8.0	4.6
Compressibility C	%	≤ 1.6	7.3
		> 1.6 - 3.0	4.8
		> 3.0 - 6.0	3.6
		> 6.0	3.3
Compressibility Crev	%	≤ 1.6	53
		> 1.6 - 3.0	60
		> 3.0 - 6.0	72
		> 6.0	78
Ply adhesion	N/30 mm	1.0 - 8.0	320
Moisture content	%	1.0 - 8.0	≤ 6.0
Ash content	%	1.0 - 8.0	0.3
Shrinkage, thickness	%	1.0 - 8.0	4.4
Shrinkage, machine direction	%	1.0 - 8.0	0.4
Shrinkage, cross machine direction	%	1.0 - 8.0	0.5
Conductivity of aqueous extract	mS/m	≤ 1.6	1.8
		> 1.6 - 3.0	2.5
		> 3.0 - 6.0	5
		> 6.0	6.7
pH of aqueous extract		1.0 - 8.0	6.8
Oil absorption	%	1.0 - 8.0	13
Electrical strength in oil	kV/mm	≤ 1.6	53
		> 1.6	51

Please contact us for values outside the specified ranges. The specified tolerances are valid for measurements taken at WEIDMANN or after conveyance and warehousing under conditions appropriate for the material. Customers are advised to add appropriate additional tolerances in case of extreme environmental conditions at the place of warehousing or processing of the material.

Ordering code

E1400A.P /GRE/TH/L/W

Product variants

	TH (mm)	L (mm)	W (mm)
E1400A.00100.023	1	6300	3200

	TH (mm)	L (mm)	W (mm)
E1400A.00100.015	1	3200	3150
E1400A.00100.007	1	2100	1600
E1400A.00100.006	1	2100	1065
E1400A.00100.022	1	6300	2100
E1400A.00100.018	1	4200	2100
E1400A.00150.017	1.5	4200	1600
E1400A.00150.018	1.5	4200	2100
E1400A.00200.020	2	4200	3200
E1400A.00200.006	2	2100	1065
E1400A.00200.022	2	6300	2100
E1400A.00200.018	2	4200	2100
E1400A.00250.017	2.5	4200	1600
E1400A.00250.007	2.5	2100	1600
E1400A.00300.023	3	6300	3200
E1400A.00300.020	3	4200	3200
E1400A.00300.013	3	3150	1600
E1400A.00300.006	3	2100	1065
E1400A.00300.022	3	6300	2100
E1400A.00300.018	3	4200	2100
E1400A.00400.020	4	4200	3200
E1400A.00400.015	4	3200	3150
E1400A.00400.022	4	6300	2100
E1400A.00400.018	4	4200	2100
E1400A.00400.681	4	3200	1600
E1400A.00500.020	5	4200	3200
E1400A.00500.022	5	6300	2100
E1400A.00500.018	5	4200	2100
E1400A.00600.022	6	6300	2100
E1400A.00600.018	6	4200	2100
E1400A.00700.132	7	6300	1600
E1400A.00800.132	8	6300	1600
E1400A.00800.018	8	4200	2100

Disclaimer

Subject to change without prior notice

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