

## Cardboard for Transformers

Properties (1 - 8 mm Depth)	UM	IEC Values 641-3-1, type B 3.1
Density	g/cm <sup>3</sup>	1.0 - 1.3
Longitudinal drive tensile strength (min.)	Mpa	100 - 110
Transversal drive tensile strength (min.)	Mpa	75 - 85
Longitudinal elongation (min.)	%	3
Transversal elongation (min.)	%	4
Aerial contraction	%	
- longitudinally		0.5
- transversally		0.7
- thickly		5
Humidity (max.)	%	6
Ash (max.)	%	1
Conductivity (max.)	ms/m	5 - 10
pH water extract		6.0 - 9.0
Oil absorption (min.)	%	11 - 7
Dielectric rigidity (aerial) (min.)	KV/mm	12 - 9
Dielectric rigidity (in oil) (min.)	KV/mm	40 - 30

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