

PRODUCT INFORMATION

PRESSPAPER (BOARD)

Description

A high-quality pressboard made from virgin unbleached sulphate cellulose pulp. This material shows very good stability under long term high temperatures.

Application

Used in the electrical industry in oil filled transformers, capacitors, etc. Thanks to its excellent mechanical properties it is commonly used to produce punched and folded insulating parts.

Technical Details

Type	Thickness mm	Tolerance	Area Weight g/m ²	Density g/cm ³
Board	0.50	+/-0.05mm	665 +/-10%	1.20-1.30
Board	0.80	+/-0.05mm	1000 +/-10%	1.20-1.30
Board	1.0	+/-0.1mm	1250 +/-10%	1.20-1.30
Board	1.5	+/-0.1mm	1875 +/-10%	1.20-1.30
Board	2.0	+/-0.1mm	2500 +/-10%	1.20-1.30
Board	3.0	+/-0.15mm	3750 +/-10%	1.20-1.30

Type	Thickness mm	Conductivity of aqueous extract	Tensile Strength Longitudinal N/mm ²	Tensile Strength Transverse N/mm ²	Elongation Longitudinal %	Elongation Longitudinal %
Board	0.50	≤ 100	≥ 70	≥ 50	≥ 6	≥ 8
Board	0.80	≤ 100	≥ 70	≥ 50	≥ 6	≥ 8
Board	1.0	≤ 100	≥ 70	≥ 55	≥ 6	≥ 8
Board	1.5	≤ 100	≥ 80	≥ 55	≥ 6	≥ 8
Board	2.0	≤ 100	≥ 80	≥ 55	≥ 6	≥ 8
Board	3.0	≤ 100	≥ 80	≥ 55	≥ 6	≥ 8

Type	Thickness mm	Dielectric Strength kV/mm	Ash Content %	Shrinkage %	Moisture Content %
Board	0.50	≥ 12.0	≤ 2	≤ 1.2	≤ 8
Board	0.80	≥ 12.0	≤ 2	≤ 1.2	≤ 8
Board	1.0	≥ 12.0	≤ 2	≤ 1.2	≤ 8
Board	1.5	≥ 10.0	≤ 2	≤ 1.2	≤ 8
Board	2.0	≥ 10.0	≤ 2	≤ 1.2	≤ 8
Board	3.0	≥ 10.0	≤ 2	≤ 1.2	≤ 8