

## TECHNICAL INFORMATION PRESSBOARD INSULATION

### PRODUCT DESCRIPTION

The pressboard is an electro-insulating material made by pressing specially selected types of cellulose fibers. The product is allowed to be pressed, crushed, cut, and partly formed. Continuous operating temperature 105°C (class A).

### APPLICATION

The insulation is very durable and is used in many electrical devices, eg coils, stator, rotors, transformers as grooving insulation, between layers, cores, etc.

### CHARACTERISTICS

PROPERTIES		ROLL (PSP 3055)	SHEET (PSP 3050)
Density (g / cm <sup>3</sup> )		1– 1.2	1.1 – 1.25
Humidity in supplied state (%)		≤ 8%	≤ 6%
Ashes (%)		0.5	0.5 - 1
Tensile strength	MD	≥ 80	≥ 105
	CMD	≥ 40	≥ 80
Elongation	MD	3 – 5	≥ 3%
	CMD	7 – 10	≥ 4%
Maximum contraction in air coefficient (%)	Longitudinal	0.7	0.6
	Transverse	1.2	1.2
	Perpendicular	4.0	3.5
Oil absorption		10 – 20	12– 20
Thermal class		A (105°C)	

### PACKAGE

The product in sheets: 1000 x 1000mm, dimensions 0.15 - 3.00mm

Product in rolls: 1m in height, originally packed 50kg with the possibility of unwrapping smaller quantities, dimensions 0.15 - 0.70mm