



## Insulation Pressboard



## INSULATION PRESSBOARD

V:PB 1.5

### Features

- Good Dimensional Stability
- Good Dielectric Strength
- High Mechanical Strength
- High Purity
- High Ability to absorb dielectric oil
- Good Elongation
- Uniform Colour, Thickness and stable density
- Excellent Flexibility
- Low Compressibility
- Low Cost
- Easy to fabricate

### Description

Insulation Pressboard, also known as Transformer Board and Pre Compressed Pressboard is made up of cellulose fibers to be in aid of insulation structures. Pressboard is manufactured by pressing layers of cellulose paper under heat and pressure to form a laminate. The Cellulose Fibers are processed into various Grades and thickness in form of sheets.

### Application

- Oil Cooled Power and Distribution Transformers.
- Instrument Transformers
- Shunt Reactors
- Inductors
- Varied machinery components
- Insulation Kit
- Moulded Components
- Electrical Devices
- Capacitors



## Properties

Physical Properties	Unit	Values
Thickness	mm	Min 1.5 +/- (5-7.5%)
Apparent Density	g/cm <sup>3</sup>	Min 1.1- Max 1.30
Tensile Strength	Mpa	MD:>/ 105 CMD:>/ 80
Elongation	%	MD:>/ 3.5 CMD:>/ 4 MD: </0.5
Shrinkage	%	CMD:</0.7 Thickness: </5
Moisture Content	%	</6
Ash Content	%	</1
Conductivity	mS/m	</8
Ph of Aqueous Extract	---	Min 6 Max 9
Oil Absorbtion	%	>/9
Electrical Strength In Oil	Kv/mm	>/30

## Test Method

IEC 60461 And ASTM.

## Availability

Width:1000mm +/-10mm  
Length:1000mm +/-10mm

## Packing

In Pallets and sheets covered with strong polythene.

## Storage

V:IP1.5 should be stored in cool, clean and dry condition.

## Shelf Life

At Normal Room Temp: Unlimited Shelf Life

## Health And Safety

The sheets are non toxic. No Material Safety data sheet is required for this product.

## Disclaimer

All information, recommendations and test data herein are offered only as a guide. We believe them to be accurate but do not guarantee results, freedom from patent infringement, suitability of this product for any resultant application