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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

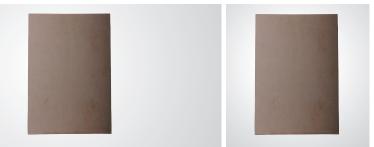
Insulation Pressboard, also known as Transformer Board and Pre Compressed Pressboard is made up of cellulose fibers to be in aid of insulation structures. Pressboard is manufactured by by pressing layers of cellulose paper under heat and pressure to form a laminate. The Cellulose Fibers are processed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

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Properties

| Physical Properties | Unit | Values |
|----------------------------|-------|----------------------|
| Thickness | mm | Min 1.5 +/- (5-7.5%) |
| Apparent Density | g/cm3 | Min 1.1- Max 1.30 |
| Tensile Strength | Мра | MD:>/ 105 |
| | | CMD:>/ 80 |
| Elongation | % | MD:>/ 3.5 |
| | | CMD:>/ 4 |
| | | MD: 0.5</td |
| Shrinkage | % | CMD: 0.7</td |
| | | Thickness: 5</td |
| Moisture Content | % | 6</td |
| Ash Content | % | 1</td |
| Conductivity | mS/m | 8</td |
| Ph of Aqueous Extract | | Min 6 Max 9 |
| Oil Absorbtion | % | >/9 |
| Electrical Strength In Oil | Kv/mm | >/30 |

Test Method

IEC 60461 And ASTM.

Availibility

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

36, Buroshivtalla Main Road Level 1, Kolkata 700 038, India

Phone: 91 3324988237/ 32920766 Fax: 91 3324988238 Email: vidyut@vidyutimpex.com, sales@vidyutimpex.com