

**TECHNICAL SPECIFICATION& GUARANTEED TECHNICAL PARTICULARS**  
**of Insulating Press Paper (Leatheroid Paper) TYPE-D**

Insulating Press Paper (Leatheroid Paper) **TYPE–“D”**(Electrical Grade Insulating Paper) (EGIP) of BEST Quality suitable for coil winding of 11/0.4 KV Distribution Transformer of various capacity **conforming to IS 8570/1977** or relevant IEC (and any other latest amendments thereafter).

Thickness - **10 MIL**  
Width - 1000 mm (±5%)

**Raw material:Press paper-Type D** is a hard press paper sometimes referred to as press pahn; usually made from chemical **wood pulp**. Press paper is a Multilayer paper made by a continuous process from pulp entirely of natural vegetable origin and of high chemical purity.

The manufacturer shall use the raw material as per IS/IEC. The manufacturer shall produce copy of invoices of raw material (wood pulp) purchased by manufacturer as desired by the inspecting authority at the time of inspection.

**TECHNICAL PARTICULARS**

No.	Particulars	Unit	Specification
1	Thickness	mm	0.25 ± 0.02
2	Density	Kg/m <sup>3</sup>	1000(Min)
3	Oil Absorption	%	21.0 (Min)
4	Electric Strength at 90 degree C In Air	KV	2.0 (Min)
5	Electric Strength at 90 degree C In Oil	KV	12.0 (Min)
6	Tensile Strength MD	N/15mm width	190 (Min)
7	Tensile Strength CMD	N/15mm width	70 (Min)
8	Conductivity of aqueous Extract	mS/m	3.0 (Max)
9	pH of aqueous Extract	-	5.0-8.5
10	Moisture Content	%	8.0 (Max)
11	Ash Content	%	2.00 (Max)
12	Elongation MD	%	1.0-2.0 (Min)
13	Elongation CMD	%	3.0-7.0 (Min)

**Note:-**

1. All specification and Testing should be as per relevant IS/IEC with latest amendment.