

## **Technical Specification of** **Insulating Kraft Paper**

Insulating Kraft Paper Suitable For Electrical Purpose Conforming to the following IS or relevant IEC and any other latest amendments thereafter

**IS: 9335 (Part-I)-1979**

**IS 9335-(Part-2) -1998**

**IS: 9335 (Part-3/sec-1)-1984**

### **Sizes of tendered material:**

1. Insulating Kraft paper thickness 2.0 mil width-750 mm
2. Insulating Kraft paper thickness 2.0 mil width-1000 mm
3. Insulating Kraft paper thickness 4.0 mil width-1000 mm

**Raw material:** Insulating Kraft Paper shall be made entirely from soft wood pulp. The manufacturer shall use the raw material as per IS/IEC. The scanned copy of invoices of raw material (soft wood pulp) purchased by manufacturer during last one year, shall be submitted by the bidder with their bid giving details of the supplier, contact no & email id.

**Acceptance tests :** The manufacturer firm shall have to produce invoices and test reports of raw material (soft wood pulp) used for manufacturing of tendered item, at the time of inspection/testing of material. The Insulating Kraft Paper shall be subjected to the following Acceptance tests in accordance with relevant IS/IEC–

<b><u>sl no</u></b>	<b><u>name of tests</u></b>
1	Thickness
2	Substance
3	Apparent Density
4	Tensile Strength Index MD
5	Tensile Strength Index CMD
6	Elongation MD
7	Elongation CMD
8	Tear Index MD
9	Tear Index CMD
10	Conductivity of aqueous Extract
11	pH of aqueous Extract
12	Moisture Content
13	Ash Content
14	Electric Strength In Air

### **Note:-**

1. The tenderer has to submit 02 nos samples (A4 size sheet) of each size duly signed with company seal, within three days from tender Part-I opening.