

**Guaranteed Technical Particulars**

**Name of material** : **Insulating Kraft Paper (Width-750mm & 1000mm)**  
**Conforming standards** : **IS: 9335 or relevant IEC (and any other latest amendments thereafter)**  
**Name of Bidder Firm** : .....  
**Name of manufacturer** : .....

**INSULATING KRAFT PAPER 2.0 mil**

No.	Properties	Unit	Specified Values without any tolerance on inferior side	Offered Values
1	Thickness	Micron	45.5-55.0	
2	Substance	g/m <sup>2</sup>	36.0-44.0	
3	Apparent Density	g/cm <sup>3</sup>	0.750-0.850	
4	Tensile Strength Index MD	N.m/g	93 (min)	
5	Tensile Strength Index CMD	N.m/g	34 min	
6	Elongation MD	%	2.0 min	
7	Elongation CMD	%	4.0 min	
8	Tear Index MD	mNM <sup>2</sup> /g	5.0 min	
9	Tear Index CMD	mNM <sup>2</sup> /g	6.0 min	
10	Conductivity of aqueous Extract	mS/m	10.0 max	
11	pH of aqueous Extract	-	6.00-8.00	
12	Moisture Content	%	8.00 (max)	
13	Ash Content	%	1.00 max	
14	Electric Strength In Air	KV/mm	7.0 (min)	

**INSULATING KRAFT PAPER 4.0 mil**

No.	Properties	Unit	Specified Values without any tolerance on inferior side	Offered Values
1	Thickness	Micron	93-107	
2	Substance	g/m <sup>2</sup>	76.0-84.0	
3	Apparent Density	g/cm <sup>3</sup>	0.75-0.85	
4	Tensile Strength Index MD	N.m/g	93 (min)	
5	Tensile Strength Index CMD	N.m/g	34 min	
6	Elongation MD	%	2.0 min	
7	Elongation CMD	%	4.0 min	
8	Tear Index MD	mNM <sup>2</sup> /g	6.0 min	
9	Tear Index CMD	mNM <sup>2</sup> /g	7.0 min	
10	Conductivity of aqueous Extract	mS/m	10.0 max	
11	pH of aqueous Extract	-	6.00-8.00	
12	Moisture Content	%	8.00 (max)	
13	Ash Content	%	1.00 max	
14	Electric Strength In Air	KV/mm	7.0 (min)	