

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 ²	36.0-44.0	
3	Apparent Density	g/cm ³	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 ² /g	5.0 min	
9	Tear Index CMD	mNM ² /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 ²	76.0-84.0	
3	Apparent Density	g/cm ³	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 ² /g	6.0 min	
9	Tear Index CMD	mNM ² /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)	