

## CERTIFICATE OF TESTS

<b>PRODUCT : SIGMA KRAFT PAPER 4.00 MIL X 1000 MM</b>				
<b>THICKNESS: 0.100 MM/4.0 MIL</b>				
Certified that the insulation paper manufactured in the above batch have been tested as per IEC 60554-2 guide line and have yielded the following results.				
No	Properties	Units	Specification	Value Obtained
1	Thickness	Micron	93-107	96
2	Substance	g/m <sup>2</sup>	76-84	78
3	Apparent Density	g/cm <sup>3</sup>	0.75-0.85	0.81
4	Tensile Strength Index MD	N.m/g	93 min	94
5	Tensile Strength Index CMD	N.m/g	34 min	37
6	Elongation MD	%	2.0 min	2.9
7	Elongation CMD	%	4.0min	8.6
8	Tear Index MD	mNM <sup>2</sup> /g	6.0 min	12.3
9	Tear Index CMD	mNM <sup>2</sup> /g	7.0 min	13.6
10	Conductivity of aqueous Extract	mS/m	10.0 max	1.7
11	pH of aqueous Extract		6.0-8.0	6.5
12	Moisture content	%	8.0 max	6.1
13	Ash Content	%	1.00 max	0.29
14	Electric Strength In Air	KV/mm	7.0 min	9.7
<b>Remarks:</b> 1) Tested as per IS 9335-2 test method. 2) Tested batch conforms to IEC 60554-3-5 CLASS 5B2 H1 specifications and accepted. 3) Tested batch conforms to IS 9335 (Part 3/Sec 5) Class 5B2 H1 Specification and accepted.				