

CERTIFICATE OF TESTS

PRODUCT : SIGMA PRESS PAPER-N 10.00 MIL X 750 MM

THICKNESS: 0.250 MM / 10MIL

Certified that the insulation paper manufactured in the above batch have been tested as per IEC 60641-2 guide line and have yielded the following results.

No	Properties	Units	Specification	Value Obtained
1	Thickness	mm	0.225-0.275	0.251
2	Apparent Density	g/m ³	0.90 min	0.93
3	Tensile Strength MD	MPa	30 min	51
4	Tensile Strength CMD	MPa	20 min	27
5	Elongation MD	%	1.0 min	2.1
6	Elongation CMD	%	3.0 min	4.5
7	Shrinkage MD	%	1.00 max	0.37
8	Shrinkage CMD	%	1.50 max	0.79
9	Shrinkage PD	%	9.00 max	6.17
10	Moisture Content	%	8.0 max	4.1
11	Ash Content	%	1.50 max	1.45
12	Conductivity of aqueous Extract	mS/m	10.0 max	7.7
13	pH of aqueous Extract		6.0-9.0	7.8
14	Oil Absorption	%	10.0 min	28.4
15	Electric Strength IN Air	KV/mm	5.0 min	7.1
16	Electric Strength IN Oil	KV/mm	35.0 min	48.0

REMARKS:

1) Tested batch conforms to Raman Specifications and accepted.