

PRODUCT INFORMATION

KRAFT PAPER

PRODUCT DESCRIPTION

Kraft paper can be easily 100% impregnated with oil for a short time. This paper is to standard IEC 554-3-5. Type 5B2-2H1

COMPOSITION

Standard Kraft paper based on 100% sulphate cellulose.

APPLICATION

Electrical equipment isolation in general and oil transformer insulation.

TECHNICAL INFORMATION

Property	Rule	Value	Value	Value	Value	Value	Value
Nominal thickness	Mm	0.05	0.063	0.075	0.08	0.105	0.125
Thickness tolerance	%	± 10	± 10	± 10	± 7	± 7	± 6
Density	g/cm ³	0.75 - 0.85	0.75 - 0.85	0.75 - 0.95	0.75 - 0.95	0.75 - 0.85	0.75 - 0.85
Tensile strength	MD	≥ 33	≥ 46	≥ 51	≥ 54	≥ 78	≥ 93
	TD	≥ 13	≥ 17	≥ 20	≥ 21	≥ 28	≥ 34
Tensile index	MD	≥ 84	≥ 93	≥ 85	≥ 85	≥ 93	≥ 93
	TD	≥ 34	≥ 34	≥ 34	≥ 34	≥ 34	≥ 34
Elongation	MD	≥ 2	≥ 2	≥ 2	≥ 1.9	≥ 2	≥ 2
	TD	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4	≥ 4
Breakdown Voltage	Kv/mm	≥ 7	≥ 7	≥ 7	≥ 7	≥ 6	≥ 6
Conductivity of aqueous extract	mS/m	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10	≤ 10
Ash content	%	≤ 1	≤ 1	≤ 1	≤ 1	≤ 1	≤ 1
Moisture content	%	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8	≤ 8
pH aqueous extract		6-8	6-8	6-8	6-8	6-8	6-8