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DATA 23 Mar 94	TRAFOKRAFT TRANSFORMER KRAFT PAPER PLAIN PAPER	Codice NK
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USE

The paper is used in oil filled transformer as insulating paper.

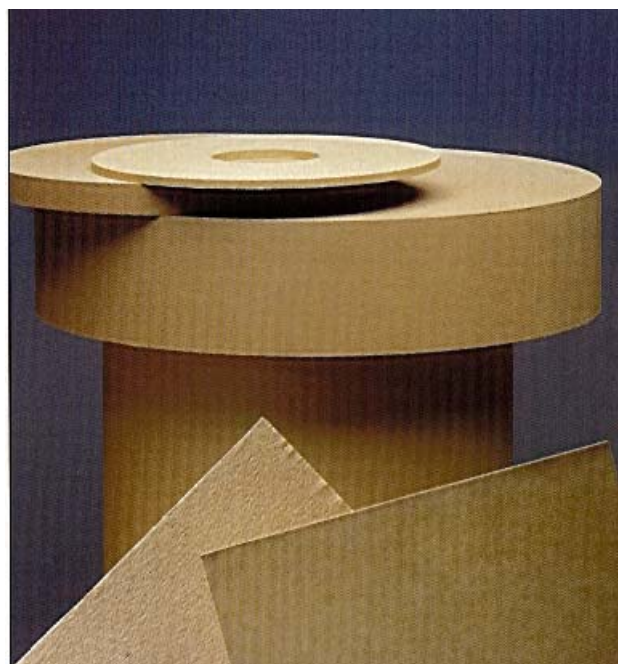
DESCRIPTION

The transformer paper is made without additives to the cellulose fibres. Consequently there will be no break down products than can contaminate the oil or reduce insulation properties.

CHARACTERISTICS

The transformer paper is characterised by its:

- Very high purity.
- Good heat resistance.
- Good ageing properties.
- Excellent strenght.
- Excellent elasticity.



MATERIAL SPECIFICATION ACC. 554-2

	UNIT	NK050	NK055	NK065	NK075	NK080	NK100	NK105	NK125	NK250
Thickness	μm	50	55	65	75	80	100	105	125	250
Basis weight	g/m ²	36	40	46	54	57	76	80	87,5	170
App. density		0,72	0,73	0,71	0,72	0,71	0,76	0,76	0,70	0,68
Tensile strength										
M D	N/mm	≥ 4,0	≥ 4,0	≥ 5,0	≥ 4,9	≥ 6,0	≥ 7,0	≥ 8,0	≥ 9,0	≥ 16,0
C D	N/mm	≥ 1,5	≥ 1,5	≥ 1,8	≥ 2,0	≥ 2,0	≥ 2,7	≥ 3,1	≥ 3,3	≥ 7,5
Elongation										
M D	%	≥ 2,0	≥ 2,1	≥ 2,0	≥ 2,2	≥ 2,2	≥ 2,2	≥ 2,0	≥ 2	≥ 2
C D	%	≥ 4,5	≥ 4,5	≥ 4,0	≥ 4,5	≥ 4,5	≥ 5,0	≥ 5,0	≥ 4	≥ 4
Moisture	%	6 ± 1	6 ± 1	6 ± 1	6 ± 1	6 ± 1	6 ± 1	6 ± 1	6	6
Acidity	P H	7,5 ± 1	7,5 ± 1	7,5 ± 1	7,5 ± 1	7,5 ± 1	7,5 ± 1	7,5 ± 1	7,0 ± 1	7,0 ± 1
Ash content	%	≤ 0,5	≤ 0,5		≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,6
Conductivity	mS/mm	< 5,0	< 5,0		< 5,0	< 5,0	< 5,0	< 5,0	< 4	< 4
Dielectric strenght										
Dry	kV/mm	≥ 9	≥ 9	≥ 8,5	≥ 8,5	≥ 8,5	≥ 8,5	≥ 8,5		
Impregnated	kV/mm	≥ 75	≥ 75	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70		

ORDERING GUIDE

- Inside Diameter 76 mm - Outside Diamater 40 mm
- Rolls of Kg 100/140
- Rolls width mm 1000
- Reels width from 10 mm - I.D.70/76 mm / O.D. 300 mm

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