

PRODUCT INFORMATION

KRAFT POLY KRAFT LAMINATE

Product Description

Kraft Poly Kraft is produced by laminating polyester film between two layers of kraft paper, thus giving outstanding electrical and mechanical properties, plus the protection of the polyester film from oxidation. This makes KPK suitable for insulation in low and medium tension electrical machines.

KPK can be easily impregnated and has good tear strength.

Typical Properties

Property	Unit	D23	D50	D75	D100	D125
Laminate nominal thickness	Mm	0.13	0.15	0.18	0.20	0.23
Laminate thickness tolerance	±%	15	15	15	15	15
Construction	Mils	2/1/2	2/2/2	2/3/2	2/4/2	2/5/2
Nominal weight	g/m ² ±12%	160	200	240	270	300
Unfolded tensile strength						
Machine direction	N/10 mm min.	100	135	190	200	300
Transverse direction	N/10 mm min.	70	100	140	160	240
Folded tensile strength, film inside						
Machine direction	N/10 mm min.	60	100	140	170	190
Transverse direction	N/10 mm min.	50	90	100	120	140
Dielectric strength						
As supplied	KV/mm	6	10	14	17	19
After bending at 180°C	KV/mm	5	9	10	12	14
Elongation at break						
Machine direction	% min.	3	3	5	5	5
Transverse direction	% min.	10	10	10	10	10
Standard roll width	Mm	1000				
Minimum width of slit reel	Mm	8				
I.D. x O.D standard rolls	Mm	76 X 330				