



GLASS BANDING TAPE

RESIN GLASS BANDING TAPE

Tape is made of twisted glass yarns, pre-impregnated with an oil compatible and thermo-setting type polyester resin

Banding Tapes when cured at specific time and specific temperature forms the rigid rings, which when applied under tension keeps parts of the machine intact.

Application on Trasformer:

Used for core banding in oil filled transformers

Application on Trasformer:

Used for end turn binding on armature to prevent outward flexing of coils under the influence of centrifugal force.

Sr. No.	Description	Units	Observed Values
1	Thermal Class	Class	C
2	Temperature index	°C	200
3	Thickness	mm	0.30 (approx)
4	Width tolerance	%	± 10
5	No of yarn	per cm.	30 ± 1
6	Weight per 100 mtr of 10 mm width	Kg.	0.56 (approx)
7	Breaking strength B-stage	Kg./cm	> 200
8	Breaking strength C-stage (5 hrs, 150°C)	Kg./cm	> 250
9	Resin content	%	24 to 30
10	Curing cycle	-	5 hrs at 150oC
11	Arc resistance	sec.	> 120
12	Elongation at break	%	1– 3
13	Modulus of elasticity at room temp.	N/mm2	60,000
14	Comparative tracking index	No.	600
15	Tensile Strength	N/cm	> 2500
16	Modulus of Elasticity	N/mm2	> 50000
17	Cross Breaking Strength @ RT	N/mm2	> 900
18	Volatile Content	%	< 3
19	Di-electric strength	Kv/mm	> 15
20	Shelf Life	-	12 months @ 15°C