



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 :

Used for banding rotors and armatures of Traction machine, D.C. machines, Core banding in oil filled transformers, etc.

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