

POLYESTER RESIN IMPREGNATED GLASS BANDING TAPE

SHUDA H220, F150 banding tapes are of high quality, which consist of parallel twisted E- Glass yarns preimpregnated with a special thermosetting polyester resin.

SHUDA H220, F150 banding tapes are manufactured with the proprietary technology and advance equipments that are transferred from *VonRoll Isola of Italy*.

SHUDA H220, F150 banding tapes are widely used in AC, DC motors, generators and transformers especially in traction motors.

Specification

Type	Width (mm)	Thickness (mm)	Available in
H220	10, 20, 25, 30, 50	0.30 ± 10%	Spool or pancake
H200			
F150			

Properties

		H220-W	H200-G-W	F150-G-W
Thermal Class		H		F
Volatile Content	%	Not above: 2		
Loss of Weight at calcinations	%	26 ± 2		
Soluble Resin Content	%	Above: 90		
Tensile Strength before curing	N/cm	Above: 2000	Not above: 1500	Above: 1000
Maximum pull while banding	N/cm	1000	800	800



Tensile strength of ringlike sample at room temperature after curing	Mpa	20 °C		
		Above: 1000	Above: 900	Above: 900 *
Tensile strength of ringlike sample after working temperature after curing	Mpa	200 °C	180 °C	150 °C
		Above: 700	Above: 600	Above: 560 *
Proof tracking index		Above: 500V		
Arc resistance	S	Above: 160		
Breakdown voltage Parallel to layers	Kv	Normal Condition:		Above: 25
		After soaked in water for 24 hours		Above: 10
Thermosetting		OK		
Loss of tensile strength after soaked in oil		Not above: 10 %		

* The property of F150-G-W are partly according to standard of JB/T 6236, 3- 92 (2841-W)

Curing condition (Time to bring the piece to the temperature is not considered)

Temperature	°C	160	150	135	120	115
Time		2.5	3	5	14	20

Storage Stability

Storage Temperature		°C	10	15	20	30
Time	H220 -W	Month	24	18	12	8
	H200-G-W		20	15	10	6
	F150-G-W					

Standard Spool or pancake size

Length

Width

10 --- 30mm

100, 200 metres/pancake

50mm

100 metres/pancake

10mm

750 metres/spool

20mm

1800 metres/spool

25mm

1500 metres/spool

Special spool/reel sizes are available upon request