



Coil Insulating Paper Class 2 (PI2)

In accordance to JIS C 2300 and IEC60554

Features

- 100% sulfate wood pulp
- High purity
- Low shrinkage
- High mechanical strength
- High finishing accuracy
- Many Japanese transformer makers who require high-quality products adopt our products.
- Natural (Kraft) Color

Size (Standard)

- 1000mm × 1000mm
- 1000mm × 100kg roll
- 200kg roll is also available
- Thickness : 0.05, 0.08, 0.13, 0.18, 0.25, 0.38mm
- Special dimensions and cuts on request

Application

- It is suitable for power-transformers as insulation materials.
- It is also suitable for other products as insulation materials

MIRI TORUSHU PAPER MFG. CO., LTD.

Standards

- Our Coil Insulating Paper Class 2 (PI2) is tested by proper methods based on JIS C 2300-2, and its physical properties are satisfied with the standard values in JIS C 2300.
- About international standard, the coil insulating paper defined by JIS 2300 is in accordance with IEC60554.

Physical Properties

- Condition: Standard condition (temperature 23 °C, humidity 50%), Method : The methods are based on JIS C 2300-2.

Coil Insulating Paper Class 2 Physical Properties

Thickness			Density		Tensile Strength				Elongation				Dielectric Breakdown Strength				Moisture Content		Ash Content		Thermal Deterioration	
mm	mm	mm	g/cm ³		MPa				%				kV/mm				%		%			
					MD	CD			MD	CD			Ave	Min								
JIS	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard
0.05	± 0.005	0.05	0.60 ~ 0.85	0.75	45.0	90.0	15.0	16.0	1.5	2.2	2.7	6.5	5.5	8.5	4.0	8.0	8.0	5.0	1.0	0.350	5.0	-1.0
0.08	± 0.008	0.08	"	0.80	"	100.0	"	16.0	"	2.3	"	7.5	"	8.5	"	8.0	"	5.5	"	0.350	"	-1.0
0.13	± 0.010	0.13	"	0.80	"	120.0	"	18.0	"	2.3	"	7.5	"	8.5	"	8.0	"	6.0	"	0.350	"	-1.0
0.18	± 0.014	0.18	"	0.80	"	120.0	"	18.0	"	2.3	"	7.5	"	7.5	"	7.0	"	6.0	"	0.350	"	-1.0
0.25	± 0.020	0.25	"	0.80	"	100.0	"	20.0	"	2.0	"	7.5	"	7.0	"	6.5	"	6.0	"	0.350	"	-1.0
0.38	± 0.030	0.38	"	0.80	"	80.0	"	20.0	"	2.0	"	7.5	"	6.5	"	6.0	"	6.0	"	0.350	"	-1.0