



Pressboard Class 2 (PB2)

In accordance to JIS C 2305 and IEC60641

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.

Size (Standard)

- 1000mm × 1000mm
- 1000mm × 100kg roll
- 200kg roll is also available
- Types of 0.80mm and over 0.80mm are only available with flat board
- Thickness : 0.13, 0.18, 0.25, 0.38, 0.50, 0.80, 1.00, 1.60, 2.00mm
- Special dimensions and cuts on request

Application

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

MIRI TORUSHU PAPER MFG. CO., LTD.

Standard

- Our Pressboard Class 2 (PB2) is tested by proper methods based on JIS C 2305-2, and its physical properties are satisfied with the standard values in JIS C 2305-3-1.
- About the international standard, the pressboard class 2 defined by JIS C 2305-1 is in accordance with IEC60641-3-1 and IEC60641-3-2.

Physical Properties

- Condition: Standard condition (temperature 23 °C, humidity 50%), Method : The methods are based on JIS C 2305-2.

Pressboard Class 2 (PB2) Physical Properties

Thickness			Density		Tensile strength				Elongation				Dielectric Breakdown Strength				Moisture content		Ash Content		Shrinkage							
mm	mm	mm	g/cm ³		MPa				%				kV/mm				%		%		MD		%		TD			
					MD	CD	MD	CD	MD	CD	MD	CD	Ave	Min							MD	CD	TD					
JIS	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard	JIS	Standard
0.13	± 0.010	0.13	0.95 ~ 1.30	1.12	70.0	170	30.0	32.0	1.5	2.3	4.0	9.5	9.0	10.5	6.5	10.0	10.0	6.0	1.0	0.350	1.0	0.4	2.0	1.3	8.0	5.6		
0.18	± 0.014	0.18	0.95 ~ 1.30	1.12	70.0	150	30.0	34.0	1.5	2.5	4.0	8.5	9.0	9.8	6.5	9.3	10.0	6.0	1.0	0.350	1.0	0.4	2.0	1.4	8.0	5.8		
0.25	± 0.020	0.25	0.95 ~ 1.30	1.12	70.0	140	30.0	40.0	1.5	2.5	4.0	8.0	9.0	9.2	6.5	8.5	10.0	6.0	1.0	0.400	1.0	0.4	2.0	1.4	8.0	6.0		
0.38		0.38		1.15		120		40.0		2.5		7.0		9.2		8.5		6.0		0.400		0.4		1.4		6.1		
0.50	± 0.040	0.50	0.95 ~ 1.30	1.12	70.0	140	30.0	40.0	1.5	2.5	4.0	8.0	9.0	9.2	6.5	8.5	10.0	8.0	1.0	0.400	1.0	0.4	2.0	1.4	8.0	6.2		
0.80	± 0.056	0.80	0.95 ~ 1.30	1.12	70.0	140	35.0	40.0	1.5	2.5	4.0	8.0	7.0	8.5	5.0	7.8	10.0	8.0	1.0	0.400	1.0	0.4	2.0	1.4	8.0	6.4		
1.00	± 0.070	1.00	0.95 ~ 1.30	1.12	70.0	140	35.0	40.0	1.5	2.5	4.0	8.0	7.0	8.5	5.0	7.8	10.0	8.0	1.0	0.400	1.0	0.4	2.0	1.4	8.0	6.6		
1.60	± 0.112	1.60	0.95 ~ 1.30	1.12	70.0	140	35.0	40.0	1.5	2.5	4.0	8.0	7.0	8.5	5.0	7.8	10.0	8.0	1.0	0.400	1.0	0.4	2.0	1.4	8.0	7.0		