



Transformer Press Paperboard



Products accord IEC60641-3-1:2008 B.3.1A standard

Technical Data

Property	Unit	Min/max range	Standard value			
			≤ 1.6mm	>1.6mm ~ 3.0mm	>3.0mm ~ 6.0mm	
Thickness Deviation	%	Max	± 7.5	± 5.0		
Apparent density	g/cm ³	Range	1.00 ~ 1.20	1.10 ~ 1.25	1.15 ~ 1.30	
Tensile strength	MD	Mpa	Min	≥ 100	≥ 105	≥ 110
	CMD			≥ 75	≥ 80	≥ 85
Shrinkage	MD	%	Max	≥ 0.5		
	CMD			≥ 0.7		
	Thickness			≥ 5.0		
Moisture content	%	Max	≤ 6.0			
Ash content	%	Max	≤ 1.0			
Conductivity of Aqueous extract	mS/m	Range	≤ 5.0	≤ 6.0	≤ 8.0	
Electrical strength in oil	kV/mm	Min	≥ 40	≥ 35	≥ 30	
Standard Size	1000x2000mm		1000x1000mm	2400x1200mm	1400x2500mm	

High Density Transformer Press Paperboard

Type	IEC60641-3-1: 2008 B.3.1A standard		
Apparent Density	1.0 ~ 1.30 g/cm ³		
Thickness	1.0 ~ 8.0mm		
Moisture content	≤6%		
Characteristic	Free of stains, very flat, high mechanical and electrical strength, low shrinkage		
Standard size	2200X4400mm	4200X2100mm	3100X2100mm