



EuroAsia

Technical Information

Type: 3050 (B.3.1)

Natural Insulating Paperboard

1. COMPOSITION AND PRESENTATION

Normal Thickness: 0.80; 1.0; 1.5; 2.0; 2.5; 3.0; 4.0 mm

Normal Size: 1000 x 1000 mm; 1000 x 2000 mm; 14000x 2500 mm; 2100 x 4200 mm;

2. PROPERTIES & APPLICATIONS.

This product made from highly purified unbleached sulphate pulp. It has obvious good properties in mechanical strength., electrical strength and compressibility. It is suitable for strips, cylinders, spacer, plates and structural supports of oil-liquid of distribution transformers, reactor and bushing current transformer.

3. MAIN TECHNICAL CHARACTERISTICS

Items	Standard IEC(641-3-1):1992
Thickness Deviation	$\leq 5.0\%$
Density	1.00 -1.20 g/cm ³
Tensile strength MD	$\geq 105 \text{ N/mm}^2$
Tensile Strength CMD	$\geq 80 \text{ N/mm}^2$
Shrinkage	
MD	$\leq 0.5\%$
CMD	$\leq 0.7\%$
Perpendicular	$\leq 5.0\%$
Elongation	
MD	$\geq 3.0\%$
CMD	$\geq 4.0\%$
Ash Content	$\leq 1.0\%$
PH Value of Aqueous Extract	6 - 9
Oil Absorption	$\geq 9\%$
Conductivity of Aqueous Extract	$\leq 5 \text{ mS/m}$
Electrical Strength in Oil	
0.5mm -1.5mm	$\geq 40\text{KV/mm}$
up 1.5mm -3.0mm	$\geq 35 \text{ KV/mm}$
Moisture Content	$\leq 6\%$