

Phenolic Paper Laminated Sheet for Electrical Insulation

This phenolic paper laminated sheet is designed for electrical insulation and mechanical support. It offers excellent electrical properties, dimensional stability, and resistance to moisture and chemicals.



Overview

High-Performance Electrical Insulation

This phenolic paper laminated sheet is engineered specifically for superior electrical insulation and mechanical support in demanding industrial environments. It features excellent dimensional stability, moisture resistance, and chemical durability, ensuring reliable performance in critical applications. Designed for versatility, this material is suitable for use in transformers, switchgear, and various other electrical equipment assemblies.

Physical Properties

Available Sheet Sizes

- 1980 x 980 mm
- 2020 x 1020 mm

Thickness Range	0.5 mm
Maximum Thickness	100 mm
Color	Natural

Electrical & Mechanical Performance

Flexural Strength (Perpendicular)

120 Mpa

Flexural Strength

Breakdown Voltage (Parallel)

20 KV

Breakdown Voltage

Thermal Class

Class E

Insulation Resistance	1.0 x 10 ⁹ OHM
Dielectric Strength (Perpendicular)	8.4 - 15.7 KV/mm