

DATA SHEET

PHENOLIC PAPER LAMINATE Hp2061

Composition

Paper+ Phenolic Resin

Properties

Density	g/cm ³	1.30-1.40
Flexural strength perpendicular to laminations (temp.20°C)	Mpa	135
Tensile strength	Mpa	120
Compressive strength perpendicular to laminations	Mpa	300
Insulation resistance after impregnated in water	Ω	1x10 ⁷
Dielectric strength (ion oil at 90°±2°C) parallel to laminations	kV	20
Dielectric strength (in oil at 90°±2°C, 1mm thickness) perpendicular to laminations	MV/m	12.1
Water absorption (thickness 1.6 mm)	mg	182
Service Temperature		Up to 120°C