

**3021 Bakelite Sheet Properties Test Data Sheet**

Technical Data	3021 Bakelite Sheet
Material	Paper based bakelite laminated sheet
Suitable Machining	Drilling and Cutting
Color	Orange or Black
Density(g/cm <sup>3</sup> )	1.45~1.53
Flamme Resistance	UL94 HB
Water Absorption(%)	<1.6
Coefficient of linear Expansion(10 <sup>-6</sup> /k)	10
Breakdown voltage in the normal temperature oil (KV/mm)	>10
Maximum Operating Temperature(°C) 10-20seconds	160
Standard Operating Temperature(°C)	120-130
Volume Resistivity(Ω)	10 <sup>7</sup> —10 <sup>8</sup>
Thickness(mm)	3mm-50mm
ThicknessTolerance(%)	±5
Parallelism(mm)	±0.1
Sheet Size (mm)	2020*1020

**Statement:**

NOTE: The information contained herein are typical values intended for reference and comparison purposes only. They should NOT be used as a basis for design specifications or quality control. ENERGETIC will not provide any legally binding guarantee of certain properties, or any suitability.