



# COMPACT LAMINATES

**Electrical Grade**

Unparalleled Electrical Insulation  
and Performance



Formite® Electrical Grade Compact Laminate, Bakelite is engineered for durability and exceptional electrical resistance. Its robust engineering and advanced materials make it ideal for high-impact environments.

Bakelite's superior strength and reliability are coupled with remarkable electrical resistance properties, providing reliable insulation and safeguarding against electrical hazards. It is the perfect choice for areas that prioritize impact resistance and electrical safety.

## **Electrical Grade Bakelite:**

Formite® Electrical Grade Bakelite is commonly used for electrical insulation, as well as for the production of various components and fixtures. It typically meets specific industry standards & requirements, ensuring its suitability & performance in construction applications.

Electrical Grade Bakelite may be used in various construction-related products, such as electrical panels, switches, sockets, circuit breakers, junction boxes, transformers & other electrical components.

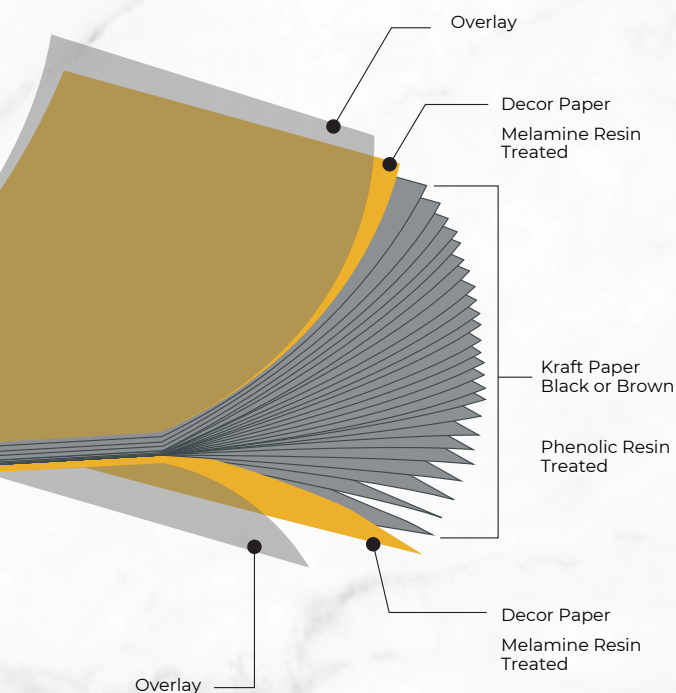
## **Electrical Grade P1:**

The paper-based P1 (PFCP 201) surpasses other PFCP types in mechanical applications and properties. It is an excellent choice for electrical insulation in transformers, electric motors, switch gears, panels, and more. It offers reliable performance at normal humidity levels.

## **Electrical Grade P2:**

The paper-based P2 (PFCP 202) exhibits lower mechanical applications but excels in high voltage applications at power frequencies and high electric strength under oil. It also demonstrates good electrical strength in air under normal humidity conditions.

Electrical Grade Bakelite is known for its durability, impact resistance and electric insulation. The layers of kraft paper impregnated with phenolic resin and the high-pressure manufacturing process result in a solid, dense material that can withstand heavy use and wear.



**Available Thickness: 1mm to 60mm**  
**Sheet Size: 1220mm X 2440mm**

## Features



Customized  
Dye Cutting



Availability of Thickness  
1mm to 60mm



Made to Order  
Shipments



British Standard BS  
(EN 60893-3-4: 2004)



Insulation Strength  
15 to 40 kVA



Impact, Heat and  
Moisture Resistant





Choose Formite® Electrical Grade Bakelite for reliable & technical solutions & experience exceptional electrical insulation properties and performance.

## Contact Us:



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