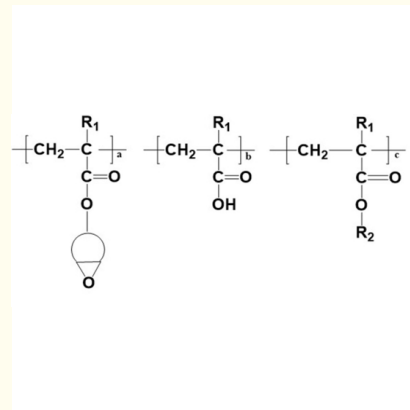




PCB Photoresist Resin

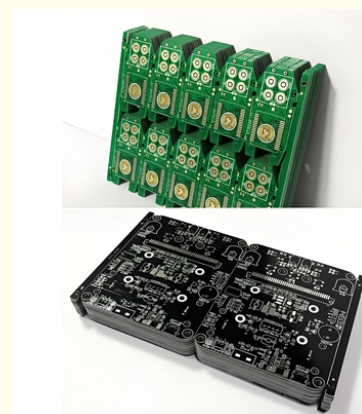
Basic Information

- Place of Origin: Wuhan, Hubei, China
- Brand Name: Meilun Materials
- Minimum Order Quantity: 20kg
- Packaging Details: 20kg/barrel, 200kg/barrel
- Payment Terms: L/C, T/T
- Supply Ability: 50T/month



Product Specification

- Highlight: PCB/LED solder resist ink resin, PCB Photoresist Resin, PCB conformal coating



More Images



Product Description

Melon PCB Photoresist Resin

Background introduction:

PCB (Printed Circuit Board) is an indispensable component of modern electronic devices. PCB coating material (PCB solder resist ink) is one of the key materials on PCB. It undertakes the important task of transferring the circuit board design pattern to the substrate surface and forming a protective coating. It also has the functions of anti-corrosion, anti-wear, electrical insulation, identification, aesthetics, and solder resist. PCB photoresist resin is one of the most important materials used in the manufacturing process of PCB photoresist. Its excellent characteristics and high-efficiency performance determine the main performance of PCB photoresist products. It has become one of the indispensable materials in the electronics manufacturing industry.

Product Features:

Resin types:

aliphatic epoxy acrylic resin, epoxy modified acrylic resin, phenolic epoxy acrylic resin, phenolic resin, polyester resin, etc.

High Precision:

With excellent accuracy, resolution, and high resolution, it can achieve micron-level pattern transfer, ensuring accurate manufacturing of complex circuits on circuit boards.

Excellent photolithography performance:

It is highly sensitive to UV light, can cure quickly, and exhibits good adhesion during the photolithography process to ensure the clarity and accuracy of the pattern.

Excellent chemical resistance:

It can resist the corrosion of chemical substances such as acid and alkali, and has high mechanical strength. Ensure the stability and reliability of the circuit board.

High temperature stability:

During the PCB manufacturing process, the photoresist resin needs to withstand high temperature treatment, so it has excellent high temperature resistance and can maintain the stability and clarity of the pattern.

Environmentally friendly and sustainable:

Made of environmentally friendly materials, environmentally friendly photoresist resin that meets environmental protection requirements. At the same time, it is economical and efficient, and has the characteristics of sustainable development.

Application areas:

PCB solder resist green ink, LED solder resist white ink, PCB solder resist matte ink, PCB selective gold ink, UV curing solder resist ink, etc.

END:

- 1: The basic polymer used to manufacture high-end PCB photoresist meets the strict requirements of modern PCB manufacturing processes.
- 2: We have the capability to handle various monomers such as acrylic acid, methyl methacrylate, and hydroxy styrene, allowing us to tailor formulations flexibly according to specific requirements.
- 3: Copolymers containing isomeric epoxy groups of acrylic acid or methyl methacrylate ensure compatibility with PCB photoresist formulations and enhance performance.
- 4: Employing precise control techniques, we finely adjust the structure of polymers to achieve precise tuning of material properties, ensuring optimal performance in PCB photoresist applications.
- 5: "Melonmaterials®" is our registered trademark, representing our innovation and outstanding quality in the field of advanced materials.



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