

L-8460 Moisture Curing UV Polyurethane Resin

Description

L-8460 is a moisture-curable UV polyurethane resin with active isocyanate groups. It can be UV-cured and moisture-cured. It has excellent adhesion, weather resistance, salt spray resistance, high and low temperature resistance on PCB circuit boards. It is mainly used for the sealing protective layer of circuit boards of electronic products and can be used as the main resin of UV ink, adhesive and as modifier of UV coating.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	1,000 - 2,500
UV component (%)	100
Density (g/cm ³ , 25°C)	1.1±0.1
Acid value (mg KOH/g)	2-4
NCO content (%)	8±0.5
Refractive index	1.474
Functional group	3

Performance

Contains isocyanate groups, can be cured by moisture and can react with hydroxyl groups
Low shrinkage, hard PCB circuit board, good adhesion to conventional plastics
Boiling resistance, soaking resistance, high temperature and high humidity resistance
Good toughness, moderate hardness

Applications

UV dual curing adhesives, PCB circuit board conformal adhesives, dual curing coatings, etc.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Safe storage time is 6 months at room temperature(25°C) and under ventilation.
This product will be packed into 20KG/25KG/200KG/barrel

Tips: L-8460 contains 100% solids, has good storage stability, and can be cured by moisture. It is suitable as a conformal coating for circuit boards.

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.