

L-6365 Modified 3-functional Polyurethane Oligomer

Description

L-6365 is a modified trifunctional polyurethane oligomer recommended for use in light-curing product applications such as coatings, inks, adhesives, inkjet, etc. It features high reactivity, excellent adhesion to metals and plastics, good leveling and wetting properties, and superior scratch and abrasion resistance.

Technical data

Appearance	Clear transparent liquid
Viscosity (25°C,CPS)	500 - 800
Color Value (Gardner)	≤1
UV Content (%)	98%
Acid Value (mg KOH/g)	≤1
Refractive Index	1.485
Functional Group	3

Performance

Fast curing, good scratch resistance, and high hardness
Good leveling and wettability, cost-effective
Outstanding adhesion to substrates

Applications

Widely used in UV vacuum metallized primers topcoats, UV high-gloss varnishes, UV plastic coatings, UV screen printing varnishes, 3D printing resins, etc.

Storage

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 20 kg / 200 kg drums.

Tips: L-6365 is a low-cost resin with balanced overall performance, offering good adhesion, hardness, and excellent leveling and wetting properties.

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.