

L-6124 UV Polyester Resin for Offset Printing Inks

Description

L-6124 is a multifunctional polyester acrylate featuring excellent flexibility, fast curing speed, and good pigment wettability.

Technical Data

Appearance	Light yellow transparent liquid
Viscosity (25°C, CPS)	18,000 - 55,000
UV Content (%)	100
Density (g/cm ³ , 25°C)	1.1±0.1
Acid Value (mg KOH/g)	2 - 5
Refractive Index	1.474
Shore Hardness	87A
Functional Group	3

Product Features

Outstanding pigment wettability
High transfer efficiency with strong anti-dry-roll performance
Good ink thixotropy, improving printing dot definition
Excellent anti-splashing property and ink-water balance
Good adhesion to special substrates such as PP, PE, PET.

Applications

UV offset printing inks; UV screen printing varnishes; UV varnishes for paper; UV metal coatings,

Storage Conditions

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-6124 has good pigment wettability, excellent anti-splashing and ink-water balance, and is mainly suitable for substrates such as PC, ABS, PVC, PET, PP, PE, and paper. It is halogen-free.

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.