

L-61024(HDDA) 1,6-hexanediol Diacrylate

CAS#13048-33-4

Molecule Weight (g/mol): 226

Description

L-61024 appears colorless or light yellow liquid. It has high boiling point; low viscosity; low glass transition temperature; water resistance; weather resistance; good dilution; strong adhesion.

Technical data

Appearance	Transparent liquid
Color Number (APHA)	≤ 50
Acid Value (mg KOH/g)	≤ 0.5
Viscosity (25°C, CPS)	6 - 12
Water (%)	≤ 0.2
Polymerization Inhibitor (ppm)	≤ 300
Refractive Index	1.455
Surface Tension (dyne/cm)	35.9
Vitrification Temperature Tg, °C	43
Functional Group	2

Performance

Low viscosity, low volatility, fast curing

Applications

Wood coatings; PVC coatings; plastic coatings; metal coatings; offset inks; flexographic printings; screen printing varnishes; topcoat varnishes.

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: 25 kg / 200 kg per drum

Tips: L-61024 is one of the most commonly used UV monomers, it featuring low viscosity, excellent diluting power, strong adhesion, and good solubility.

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.