

L-61031(DPHA) Dipentaerythritol Hexaacrylate

CAS#29570-58-9

Molecule Weight (g/mol): 525

Description

L-61031 is highly effective in improving the hardness of the cured film. However, it has a relatively high glassiness, and excessive use may cause adverse effects. This product exhibits good adhesion primarily on metal and plastic substrates.

Technical Data

Appearance	Transparent liquid
Color Number (APHA)	≤ 150
Acid Value (mg KOH/g)	≤ 1.0
Viscosity (25°C, CPS)	3000 - 7000
Water (%)	≤ 0.2
Polymerization Inhibitor (ppm)	≤ 500
Refractive Index	1.487
Surface Tension (dyne/cm)	42
Tg (°C)	90
Functional Group	6

Product Features

Medium viscosity, low volatility, high reaction speed, high wear resistance.

Applications

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

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: 25 kg / 200 kg per drum

Tips: L-61031 is one of the most commonly used UV monomers, featuring high reactivity and excellent abrasion resistance.

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.