Lencolo®
蓝柯路

# TDS

2025/10/01

# L-61056 Propoxylate neopentylene glycol diacrylate

CAS#：84170-74-1

Molecular Structure: C17H28O6 Molecule Weight (g/mol): 328

## Description

**L-61056** NP(PO2)GDA is a di-functional UV-curable monomer based on propoxy esterification, featuring low skin irritation, improved water resistance of coatings, reduced surface tension to enhance adhesion on difficult substrates, and a lower glass transition temperature to provide better flexibility in cured coatings.

## Technical Data

| | |
|---|---|
| Appearance | Transparent liquid |
| Color Number (APHA) | ≤ 100 |
| Viscosity (25ºC, CPS) | 10 - 20 |
| Water (%) | ≤ 0.1 |
| Polymerization Inhibitor (ppm) | 400 - 600 |
| Refractive Index | 1.466 |
| Surface Tension Dynes/cm,20℃ | 30.2 |
| Tg (ºC) | 35 |
| Acid Value (mgKOH) | ≤ 0.5 |
| Functional Group | 2 |

## Product Features

Low shrinkage, low skin irritation, excellent wettability, good mirror leveling effect, improved adhesion

## Applications

It is widely used in the photocuring polymerization reaction of various unsaturated systems such as UV coatings, UV 3D printing resins, UV screen printing varnishes, UV adhesives, UV glues, and UV inkjet.

## 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-61056 provides improved heat and high-temperature resistance when used in UV solder resist paint**