Lencolo®
蓝柯路

TDS

2025/10/01

L-8464 High Performance Dual-Cure UV Resin

Description

L-8464 is a special modified UV polyurethane resin containing certain hydroxyl groups, which can be combined with Isocyanate to make a dual-curing coating with a certain adhesion on the surface of inorganic glass and hardware, also has adhesion to PC, ABS, PMMA, paper, leather, artificial leather and other substrates. It can be used as modifier for UV coatings or main resin for dual-cure UV coatings

Technical Data

Appearance	Transparent liquid
Viscosity (25ºC, CPS)	6,000 - 11,000
UV Content (%)	85 ± 2
Density (g/cm³, 25ºC)	1.1 ± 0.1
Acid Value (mg KOH/g)	3 - 6
OH Value (solid content)	70 mg KOH/g
Refractive Index	1.486
Functional Group	4

Product Features

Contains hydroxyl, can be used as dual-curing UV coating
Low shrinkage, good adhesion, good weather resistance
Boiling and soaking resistance
Good color wetting
Good leveling and fullness

Applications

Dual-curing UV varnishes and adhesives on various plastics; dual-curing UV inks; mobile phone glass protection inks; automotive interior dual-curing UV coatings, etc.

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 / 25kg / 200 kg per drum

Tips: L-8464 is halogen-free, has fast response, high hardness, making it ideal for dual-curing UV coatings for automotive interior parts.

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.