

L-6300 Adhesion-Enhanced 3-Functional UV Polyurethane

Description

L-6300 is a specially modified polyurethane acrylate resin featuring good flexibility, high curing speed, low shrinkage, excellent leveling, strong adhesion to metals, and high compatibility with dyes and pigments.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C,CPS)	1,800 - 2,800
Color Value (Gardner)	≤1
UV Content (%)	70
Density (25°C,g/cm³)	1.1±0.1
Acid Value (mg KOH/g)	4-8
Refractive Index	1.499
Functional Group	3

Product Features

Good flexibility, fast cure rate, low shrinkage
Good leveling
Highly compatibility with dyes and pigments
Strong adhesion to metals

Applications

UV vacuum metallization topcoats; TPU UV vacuum metallization coatings; high-gloss UV varnishes; UV plastic coatings; UV screen printing varnishes, 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 / 200 kg drums.

Tips: L-6300 is the most cost-effective 3-functional UV polyurethane and is the preferred choice for enhancing coating adhesion.

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.