

L-8414 Modified Polyurethane Acrylate

Description

L-8414 is modified polyurethane acrylate, recommended to use in light-curing coating products, providing very good adhesion on various substrates such as treated PP, PE, PET, metal, water plating, etc. Faster curing speed and wetting leveling, are mainly used to adjust the adhesion of coatings and inks to different substrates.

Technical Data

Appearance	Light yellow clear transparent liquid
Viscosity (25°C,CPS)	1,500 - 3,500
Color Value (Gardner)	≤ 2
UV Content (%)	$60 \pm 2\%$
Acid Value (mg KOH/g)	≤ 5
Refractive Index	1.466
Functional Group	3

Product Features

Good adhesion to various plastics, treated PP, PE, PET, nylon, PET, metal and water plating
Good color addition properties and good compatibility with color essences
Low shrinkage, high cure rate.

Applications

PET UV inks; varnishes; UV plastic coatings; UV screen printing inks

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 per drum

Tips: L-8414 is used to improve the performance of coatings and inks on special materials such as high adhesion, low shrinkage, and low yellowing.

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.