

L-8413 Adhesion UV Polyurethane

Description

L-8413 is a modified polyurethane acrylate recommended for use in UV-curable coatings, inks, and adhesives. It provides excellent adhesion to a wide range of pre-treated substrates such as PP, PE, PET, and metals, together with fast curing response and good wetting and leveling. It is suitable for vacuum-metallization primers and topcoats, metal and plastic overprint UV coatings, UV inks, and structural adhesives. The cured film exhibits outstanding resistance to water, chemicals, and heat.

Technical Data

Appearance	Light yellow clear transparent liquid
Viscosity (25°C,CPS)	10,000 - 14,000
Color Value (Gardner)	≤ 2
UV Content (%)	100%
Acid Value (mg KOH/g)	≤ 7
Refractive Index	1.5
Functional Group	3

Product Features

Excellent adhesion to PVC, PMMA, PET, PP, and metal substrates
Good wetting and leveling properties, with excellent metallization compatibility
Good flexibility and strong pigment-wetting capability

Applications

Widely used in UV adhesives, UV inks, UV texture transfer coatings, UV plastic coatings, UV vacuum plating primers and topcoat, 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-8413 provides excellent adhesion to various pre-treated substrates such as PP, PE, PET, and metals.

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.