### Lencolo<sup>®</sup> 蓝柯路

# TDS

## L-6412 Monocoat Silver Coloring UV Polyurethane Resin

#### Description

**L-6412** is a specially modified highly reactive 4-functional polyurethane acrylate resin. The silver powder of the product is well arranged, resistant to boiling, has good recoatability, and does not require polishing. Good adhesion to ABS, PC, PMMA and other plastics and metals. It can be used as the main resin for various UV varnishes and vacuum plating UV topcoats with high requirements such as wear resistance, as well as the main resin for monocoat silver coloring UV coatings.

#### Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C,CPS)	8,000 - 15,000
Chroma (Gardner)	≤1
UV component (%)	42±2
Density (g/cm <sup>3</sup> ,25°C)	1.1±0.1
Acid value (mg KOH/g)	<2
Refractive index	1.444
Functional group	4

#### Performance

Good silver arrangement and excellent RCA resistance Good adhesion to various plastics, metals and coatings Good color addition, good compatibility and wettability of color pastes Can be used as a main resin for monocoat silver coloring UV coating, recoatable and does not require polishing.

#### **Applications**

Various high requirements: UV vacuum plating topcoat, UV plastic coating, UV screen printing varnish, monocoat UV silver coatings, various metal UV coatings, various UV inks, etc.

#### Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Safe storage time is 6 months at room temperature(25°C) and under ventilation. This product will be packed into 20KG/25KG/200KG/barrel

## Tips: L-6412 has good silver arrangement property, recoatable, has good leveling, is suitable for monocoat silver UV coatings.

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.