

## L-6128 High-Viscosity 10-Functional Hyperbranch Polyester

### Description

**L-6128** is an 10-functional group hyperbranched polyester acrylate with low viscosity, fast curing speed, good pigment wettability, scratch resistance and solvent resistance.

### Technical Data

|                                    |                          |
|------------------------------------|--------------------------|
| Appearance                         | Clear transparent liquid |
| Viscosity (25°C, CPS)              | 12,000 - 20,000          |
| Color Value (Gardner)              | ≤1                       |
| UV Content (%)                     | 100                      |
| Density (g/cm <sup>3</sup> , 25°C) | 1.1 ± 0.1                |
| Acid Value (mg KOH/g)              | ≤2                       |
| Refractive Index                   | 1.491                    |
| Shore Hardness                     | 92D                      |
| Functional Group                   | 10                       |

### Product Features

Low odor, high viscosity  
Solvent-resistant and scratch-resistant  
Excellent pigment wettability  
Good toughness and fast curing speed

### Applications

UV inks; UV wood coatings; UV plastic coatings; UV varnishes for paper, 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-6128 features high viscosity, high hardness, high fim build and fast curing

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.