

Lencolo 3100 Boiling-resistant Leveling Agent

Description

Lencolo 3100 is a polyether modified polydimethyl silicone solution, because it contains acrylic functional groups, can cross-link with polymers to form a network structure, can be permanently fixed on the surface of the coating film, providing excellent surface slip and adhesion with stripping, and can improve leveling. It is very suitable and for 3C varnish UV with high surface requirements, and it is helpful for boiling, and it is not easy to have small bubbles after boiling.

Technical data

Component	Polyether Modified Polydimethylsiloxane Solution Containing Acrylic Functional Group
Appearance	Yellowish clear liquid
Specific gravity	1.04
Active ingredient	97%

Performance

Because it contains acrylic functional groups, it can participate in the cross-linking reaction of UV and has high surface slip. It can improve the crispness and tape peelability, and can improve the leveling property, and it can be maintained for a long time. Also has excellent water resistant.

Applications

Used in UV systems, water-based UV systems, solvent-based polyurethane coatings, water-based polyurethane coatings.

Usage

Addition proportion: 0.4% ~ 2.0% of the total amount

Users are advised to determine the best addition amount through experiments before use.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature(25°C) and under ventilation. 25KG/barrel

Tips: Lencolo 3100 is especially suitable for high-gloss UV coating with high-performance requirements, participates in the reaction in high-gloss PU system, no shrinkage holes, with outstanding boiling resistance.

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.