

Lencolo 3157 Wetting Leveling Agent for Water & Solvent Systems

Description

Lencolo 3157 is a polyether-modified silicone surfactant that significantly reduces surface tension, providing excellent substrate wetting and leveling. It is highly compatible with various resins and is suitable for waterborne coatings, printing inks, and UV topcoat clearcoats. It offers outstanding substrate wetting, anti-pinhole performance, and defoaming properties, and at low dosages does not affect recoating.

Technical data

Composition	Polyether-Modified Siloxane Polymer
Appearance	Transparent liquid
Specific Gravity	1.05 ± 0.05
Active Content (%)	100%

Performance

Provides excellent substrate wetting, anti-pinhole performance, and outstanding versatility. Suitable for waterborne coatings, printing inks, and UV-curable systems, it significantly improves leveling, gloss, and surface slip. Enhances coating hardness, effectively reduces soft scratches, and imparts permanent slip and scratch resistance. Prevents blocking, improves coating build, enhances pigment and filler dispersion, and promotes color uniformity without reducing intercoat adhesion during recoating.

Applications

Water-based coatings; printing inks; topcoat varnishes; UV coatings and inks, etc.

Usage

It can be added at any stage of the production process, typically at 0.05–0.8% by weight of the coating.

Users are advised to determine the optimal dosage through trials prior to use.

Storage

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: 25 kg per drum

Tips: Lencolo 3157 exhibits excellent compatibility in various inks, strong anti-pinhole performance, superior leveling, and good soft touch skin feel.

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.