

Lencolo 3007D Fluorinated Anti-Fouling Additive

Description

Lencolo 3007D fluorine-modified polysiloxane, which can form a film at high temperature alone, and the film is soft and has better elasticity. It can be added to silicone resin or other organic resins, which can significantly improve the anti-adhesive, smooth and temperature-resistant properties of the paint film, and it is an ideal high-temperature-resistant, anti-adhesive and antifouling additive.

Technical Data

Composition	Fluorinated Polysiloxane
Appearance	Transparent liquid
Specific Gravity	0.99
Active Content	50%

Product Features

It provides excellent slip, anti-blocking, weather resistance, and heat resistance, forming an elastic protective film. Compatible with most solvent-based systems, it promotes coating flow and leveling, offers strong anti-fouling performance, and makes the coating easy to clean. It enhances resistance to marker pens and graffiti and can also be incorporated into resins to improve their performance.

Applications

Leather lubricants; oil-based high-temperature coatings; high-temperature metal products; non-stick coatings; UV coatings; release coatings; and floor coatings, etc.

Recommended Usage

Generally used at 0.2–2% by weight of the coating, and can be added either as the original product or as a pre-diluted solution.

Can be added directly to the coating or resin, or after dilution with aromatic, ester, or chlorinated solvents as an additive.

Users are recommended to determine the optimal dosage through testing prior to use.

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: 25 kg per drum

Tips: Lencolo 3007D has limited compatibility; please pay attention to its compatibility when applying

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.