

Lencolo 8910 Anti-settlement Rheology Additive

Description

Lencolo 8910 It is a liquid rheology additive for solvent-borne and solvent-free coatings. Through selective incompatibility with the coating system, fine, needle-like crystals are produced at an appropriate stirring speed, and a three-dimensional network structure is formed through the bonding force between crystals, thereby providing a strong thixotropy for the system and also It provides excellent anti-sinking and anti-sag performance. When the paint is stored, **Lencolo 8910** uses a three-dimensional network structure to support each pigment component, effectively preventing the pigment and filler from settling, and at the same time, the viscosity increases. During construction, due to the certain shear force given to the system, the network structure of Lencolo 8910 is destroyed, and the viscosity drops rapidly, meeting the construction requirements. This network builds up within seconds when the shear force is removed, preventing sagging of the paint film. It is liquid, easy to add and post Addition, good anti-sagging performance, less dosage.

Technical data

Component	Modified urea solution
Appearance	Light yellow transparent liquid
Active ingredient	50%
Solvents	N-Methylpyrrolidone

Performance

It is suitable for improving the anti-settling properties of pigment systems, and due to its strong thixotropic flow properties, it can improve the anti-sagging properties of paints and varnishes without affecting the rheology. Most suitable for medium polar systems, not suitable for non-polar base systems containing aromatic and aliphatic hydrocarbon solvents.

Applications

Solvent-based coating systems, solvent-free coatings, UV coatings, etc.

Usage

Suitable polar solvents include butanol, ethylene glycol, propylene glycol monobutyl ether, ethylene glycol butyl ether, and suitable non-polar solvents include aromatic hydrocarbons, aliphatic hydrocarbons and butyl acetate optionally added.

Recommended diluting solvent ratio:

a, dimethyl + n-butanol = 8:20

b. Butyl acetate + propylene glycol monobutyl ether = 75:25

Addition amount: anti-settling effect 0.1-0.3% anti-sag 0.5-1.2%

Precautions

The solvents in this product are hydrophilic and they are sensitive to moisture. In order to prevent any influence on the storage stability of this product, the container must be closed after use. In very high order systems, incompatibility may lead to crystallization or delamination.

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

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.