

Lencolo 1108 Special Wetting Dispersant For Matte Powder

Description

Lencolo 1108 contains a chelating polymer copolymer with groups that have affinity for inorganic powders, providing excellent wetting and dispersing performance. It is suitable for dispersing imported and domestic matting powders, inorganic fillers, metallic powders, and nanopowders. It is particularly effective in matting powder dispersion systems, offering high dispersibility, viscosity reduction, and outstanding anti-settling performance.

Technical Data

Composition	High molecular weight block copolymer with Inorganic Pigment-Affinitive Groups
Appearance	Colorless transparent liquid
Specific Gravity	0.94
Active Content	100%
Solvent	None

Product Features

1. Provides significant viscosity reduction and excellent flow in coatings and inks with high matting powder content (20%).
2. Ensures uniform dispersion of matting powder with no agglomeration, roughness, or gloss increase, and effectively prevents settling.
3. Has minimal impact on gloss, excellent stability, and outstanding compatibility with resins.
4. Offers superior wetting and dispersing performance for both precipitated and vapor-phase matting powders, as well as inorganic pigments and fillers.
5. Suitable for matte UV, NC, and PU coating systems, with broad applicability, low addition levels, and high efficiency.

Applications

Architectural coatings; industrial coatings; wood coatings; UV coatings, etc

Recommended Usage

Addition amount: 5–12% based on the amount of matting powder. For thorough dispersion, mix for 3–5 minutes.

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

Note: Excessive addition may affect the storage stability of the system.

Storage Conditions

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 1108 is especially suitable for UV systems with high matting powder content (over 15%), providing excellent viscosity reduction and superior wetting and dispersing performance.

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.