

Lencolo 1109 Special Wetting Dispersant For Matte Powder

Description

Lencolo 1109 is a block copolymer containing pigment-affinitive groups, providing excellent wetting and dispersing performance. It is suitable for dispersing organic and inorganic pigments, as well as carbon black. Particularly effective in matting powder systems, it offers high dispersibility, viscosity reduction, and anti-settling performance. In composite color systems, it also helps prevent pigment floating and blooming.

Technical Data

Composition	Block copolymer containing pigment-affinitive groups
Appearance	Light yellow transparent liquid
Specific Gravity	0.94
Active Content	100%
Solvent	None

Product Features

Excellent dispersing and wetting performance for matt powder, allowing higher loading and improved matting efficiency
Significantly reduces system viscosity, providing good flow properties
Good compatibility with various resins
Particularly suitable for dispersing silica-based matting agents in solvent-free UV systems

Applications

Matte paint among architectural coatings; industrial coatings; wood coatings; UV coatings, etc

Recommended Usage

Addition amount: 15–25% based on matt powder content.

It is advised to determine the optimal amount through preliminary testing.

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: 25kg per drum

Tips: Lencolo 1109 is especially suitable for UV systems with high matt powder content ($\leq 15\%$), 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.