

Lencolo 1103 Universal Wetting Dispersant

Description

Lencolo 1103 is a high-molecular copolymer containing pigment-affinity groups. The high-molecular-weight additives deflocculate the pigment through steric hindrance. They provide the same charge to differently charged pigments, thus avoiding possible co-flocculation of the pigments. Due to the small size of the deflocculated pigment particles, it can obtain high gloss and improved color strength, transparency and hiding power, reduce viscosity, improve leveling and increase the amount of pigment used.

Technical data

Component	Copolymer with pigment affinity group
Appearance	Colorless transparent liquid
Specific gravity	0.99
Active ingredient	45%
Solvent	Dimethyl, Butyl ester, PMA

Performance

With low polarity, it is mainly used in the production of various solvent-based paints and pigment concentrates. It has good miscibility with various base materials, and is suitable for grinding pastes of various solvent-based systems.

Applications

Architectural coatings, industrial coatings, wood coatings, automotive coatings, refinish coatings, coil coatings, pigment concentrates.

Usage

Addition amount:
Titanium dioxide 4-5% Carbon black 80-100%
Inorganic pigment 15~20% Organic pigment 20~40%
Users are advised to conduct experiments to determine the optimal dosage before use.

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

Tips: Lencolo 1103 is the most versatile dispersant with good compatibility with various systems

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.