

Lencolo 1240 Solid Dispersant

Description

Lencolo 1240 is a 100% active high molecular polymer, using high molecular. The molecular chain of the substance is stretched in the coating or ink to establish a space barrier, and it also contains a special base. The group is adsorbed on the surface of the pigment to increase the storage stability of the pigment. Thereby improving the pigment dispersibility and stability in the ink, coating. Widely used in solventborne and UV ink and coating systems.

Technical data

Component	Active polymer
Appearance	Light yellow solid
Melting point	52°C
Active ingredient	100%

Performance

Increase pigment storage stability, improve rheological properties, improve tinting strength, and improve gloss.
Excellent grinding and dispersing effect on carbon black and organic pigments;
Especially for various gravure packaging inks and UV offset printing ink systems disperse pigments are more outstanding, very good color development and viscosity reduction.

Applications

Various industrial coatings, various solvent-based inks (especially PU composite inks), UV offset printing ink etc.

Usage

Before using this product, it should be dissolved in a solvent or grinding resin solution. It can also be dispersed with UV monomer, and then add pigments for dispersion and grinding.

Addition amount:

Titanium dioxide 2-5%	Carbon black 10-25%
Inorganic pigment 5~10%	Organic pigment10~20%

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 1240 solid dispersant, has strong versatility, is suitable for various gravure packaging inks and UV offset Inks.

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.