Lencolo®
蓝柯路

TDS

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Lencolo 1151 Super Dispersant

Description

Lencolo 1151 Styrene modified polymer copolymer, in UV/water-based system, exhibits excellent color development and high gloss for high-surface carbon black/difficult-to-disperse organic pigments/inorganic pigments, increasing pigment addition while still having low Excellent viscosity, good fluidity and storage stability.

Technical data

Component	Styrene modified polymer copolymer
Appearance	Transparent liquid
Specific gravity	1.12
Active ingredient	100%

Performance

Excellent color development and high gloss;

It can significantly reduce the viscosity of the finished inkjet of the pigment paste, provide good fluidity, and can prevent thixotropy;

Good compatibility with various resins, good versatility in water and oil;

Especially suitable for UV inkjet systems.

Applications

UV inkjet, UV ink, nano color paste, solvent coating, water-based coating

Usage

The amount of dispersant (g) = [the specific surface area of the pigment (m2/g) ÷ 500]×weight of pigment (g)
Dosage: Titianium dioxide 4 -5%
Carbon black 80 - 100%
Inorganice pigment 15 - 20%
Organic pigment 30 - 60%
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(25ºC) and under ventilation. 25KG/barrel

Tips: Lencolo 1151 has good compatibility and stability with various systems, especially suitable for UV inkjet systems.