

Lencolo 1190W Aqueous Wetting and Dispersing Agent

Description

Lencolo 1190W deflocculates pigments through steric hindrance. The resulting finely dispersed pigment particles provide high gloss and enhanced color strength. It also increases transparency and hiding power, reduces viscosity to improve flow and leveling, and allows higher pigment loading.

Technical Data

Composition	Copolymer solution containing acidic groups
Appearance	Transparent liquid
Specific Gravity	1.06
Active Content	40%
Acid Value	25 - 30
Solvent	Water

Product Features

It prevents floating and streaking in coatings, provides excellent pigment wetting, reduces viscosity to improve flow and leveling, and allows higher pigment loading. Mainly used in waterborne coating systems and resin-free pigment concentrates.

Applications

For waterborne coating systems, resin-free pigment concentrates, and various water-based coatings as a wetting and dispersing agent.

Recommended Usage

For optimal performance, it is recommended that the pigment paste system contains only pigment, Lencolo 1190W, and water (no resins, amines, or co-solvents) to achieve the best results. During paste preparation, mix the additive thoroughly with water first, then add the pigment after the additive is fully dispersed.

The dosage largely depends on the specific surface area of the pigment; it is recommended to determine the optimal amount experimentally.

Adding amount: Inorganic pigments: 20–30%
Organic pigments: 30–75%

Titanium dioxide (TiO₂): 10–12% by weight
Carbon black: 70–130%

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 1190W Water-based general-purpose dispersant, especially suitable for pigment paste milling.

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.