

## **Lencolo 1110 Anti-settling & Wetting Dispersant**

### **Description**

**Lencolo 1110** is a polymeric copolymer containing acidic pigment-affinity groups. It controls pigment flocculation by forming bridges between individual pigment particles, creating a three-dimensional structure. This controlled flocculation prevents pigment floating, mottling, settling, and sagging, while providing excellent viscosity reduction across various coating systems.

### **Technical Data**

Composition	Polymer copolymer with acidic pigment-affinity
Appearance	Colorless transparent liquid
Specific Gravity	1.05
Active Content	52%
Solvent	XYL

### **Product Features**

It is more effective against flooding and floating, enhances surface smoothness and leveling, and promotes the oriented alignment of aluminum and silver pastes. In high-pigment systems such as epoxy primers, it provides excellent viscosity reduction and significant anti-settling performance. It is an ideal wetting and dispersing agent for titanium dioxide, aluminum-silver pastes, and pearlescent powders.

### **Applications**

Industrial coatings, automotive coatings, anti-corrosion coatings and coil coatings, especially suitable for dispersing wetting agent of titanium dioxide and aluminum silver paste, and have outstanding performance in epoxy floor paint system.

### **Recommended Usage**

Addition amount:

Titanium dioxide 2-4%      Aluminum silver paste 0.5-2%

Inorganic pigment 5-10%

Users are advised to determine the optimal dosage through trials prior to use.

### **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: 25 kg per drum.

**Tips: Lencolo 1110 is especially suitable for dispersing inorganic fillers in epoxy flooring and UV systems, providing excellent viscosity reduction. It is the preferred dispersing agent for titanium dioxide.**

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.