

Lencolo 8553 Eco-friendly Stabilizer

Description

Lencolo 8553 A UV-series eco-friendly, low-odor, high-solids liquid storage-stability additive. It is particularly effective in high-color UV inks and coatings, efficiently suppressing self-polymerization during storage and ensuring long-term formulation stability. It features easy addition, excellent compatibility, light color, and no viscosity impact, and is especially suitable for higher-viscosity systems such as UV offset inks, UV color pastes, UV adhesives, etc., helping extend storage life.

Technical Data

Appearance	Transparent light orange
Viscosity (25°C, CPS)	80~110
Acid Value (mg KOH/g)	≤ 1
Active Content (%)	100
Density (g/cm³, 25°C)	1.1±0.05
Refractive Index	1.475

Product Features

Prevents pigment flocculation, settling, discoloration, and oxidation within the system

Improves high-temperature resistance, aging resistance, and anti-fogging performance

Excellent stability, maintaining long-term performance without failure

Applications

UV offset inks; 3D UV printing inks; UV nail polishes; UV screen printing inks; UV coatings; UV flexo printing inks; UV adhesives; UV high-pigment color pastes, etc.

Recommended Usage

Add in the later stage of the formulation.

Additional dosage: 0.5-2% (based on total resin and monomer).

It is recommended that users determine the optimal dosage through preliminary testing before 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 8553 provides a beneficial boost to the system's aging-resistance performance.

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.