

Lencolo 4021 Water- and Salt-Resistant Adhesion Promoter

Description

Lencolo 4021 is a special amino-functional silane polymer that can enhance the adhesion of coatings to glass and metal substrates, thereby improving the water resistance and salt-spray resistance of the coating film.

Technical Data

Composition	Amino-functional Silane Polymer
Appearance	Transparent liquid
Specific Gravity	1.05
Active Content (%)	100%

Product Features

Used in epoxy adhesives and sealants to improve adhesive performance
Enhance coating adhesion to glass and metal substrate
Increase the water resistance and salt-spray resistance of the coating film.

Applications

Various coatings and ink systems; adhesives, elastomers, caulking agents, etc.

Recommended Usage

Dosage: Add 1–2% based on the solid content of the resin, added at the end of the formulation.
For epoxy systems, it can be incorporated into the curing agent.

Precautions

1. This product may react with isocyanate and phenolic-amine curing agents. Conduct small-scale trials to confirm system compatibility and avoid gelling.
2. For epoxy coating systems, it should be added to the curing agent. Conduct small-scale trials to verify the proper dosage and compatibility.
3. This product contains amino groups; prolonged storage may darken its color but does not affect performance.

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 4021 exhibits excellent adhesion to glass; recommended to be added to the epoxy curing agent.

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.