AFCONA – 6700



Chemical Composition

Based on ketoxime and a phosphorous ester salt

Product general description

Anti-gel agent and viscosity stabilizer for airdrying and stoving coating systems

Product Properties

AFCONA-6700 is an anti-gel additive for airdrying alkyds and stoving coating systems.

In air-drying alkyd paints, the ketoxime in AFCONA – 6700 form a protection layer on the top of the paint to reduce the oxidation caused by oxygen.

However, AFCONA – 6700 mainly is used in stoving paints to avoid gel during storage. AFCONA – 6700 will block the reactive group of the melamine and will re-release it at 80 - 100°C for further reaction. AFCONA-6700 can significantly prolong the shelf life of a coating.

Product specification

Solvents Isobutanol / Xylene /

Water

Density at 20 °C $0.87 - 0.89 \text{ g/cm}^3$

Refractive index 1.427 - 1.437

Flashpoint 24°C

Appearance transparent to slight

yellowish liquid

Addition and dosage

0.5 - 1.0 % on total formulation

Incorporation

AFCONA-6700 should be added after grinding. Already gelled materials can be restored to processing viscosity by the addition of AFCONA-6700. In such cases, the addition levels should be two or three times higher than given above.

Storage

AFCONA-6700 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25 kg and 180 kg non-returnable containers