

AFCONA - 6530



Chemical Composition

Modified Polyurethane and polyurea compound.

Product general description

No VOC problem of AFCONA 6530, adjust viscosity in can. And improve anti-flooding and settlement prevention.

Product Properties:

The rheology property of AFCONA-6530 depends on the interaction of dispersed particles in aqueous systems, the rheology property of polyurea would be enhanced through hydrogen bond. This will bring paint a kind of obvious non-Newtonian pseudoplastic fluid to improve the settlement prevention and anti-flooding in thick film coating. It is a solvent-free product, Thus no VOC problems, no adverse effects to gloss of coating film.

AFCONA 6530 is suitable for kinds of water-based coatings and water-based inks. It is recommended to be incorporated before grinding to increase the viscosity of concentrate, and then improve the efficiency of grinding.

The properties and advantages of AFCONA 6530 as below:

- 1) Adjust in-can viscosity, improve anti-flooding and settlement.
- 2) Low influence to leveling, or even will improve the leveling while provides anti-settlement and thickening.
- 3) Recommended to be used in aqueous and solventless systems.

Note: AFCONA – 6530 will become slightly hazy and non-uniform when kept at low temperature. This is the characteristic of AFCONA 6530. And make sure it has been mixed well before process.

Product Specification

| | |
|---------------------|---------------------------------------|
| Non-volatile matter | ≥98% |
| Density | 1.02 – 1.06 g/cm ³ |
| Gardner color | ≤ 5 |
| Flash point | >100°C |
| Appearance | Clear to slightly hazy, yellow liquid |

Addition and dosage

0.2-2.0% on total formulation. It is better to do experiments to make sure of the final addition.

Incorporation

AFCONA – 6530 can be incorporated in stage of process. Good dispersion is required when incorporated at painting.

Storage

AFCONA-6530 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 3 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25kg and 190kg non-returnable plastic containers

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This version replaces all previous ones.