AFCONA – 3730



Chemical Composition

Pure polyester polymer

Product general description

Levelling agent for solvent-based and solvent-free coatings

Product Properties

AFCONA-3730 is a high molecular weight polyester polymer with good leveling property. It has very good compatibility with all the oil free polyester resins that used in can coating, thus it very suitable as good leveling agent for clearcoat and pigmented coating as it will not gives haze, orange peel and other side effect to the coating.

Besides can coating, it also has very good compatible with polyurethane, epoxies, baking paint and alkyd based resins.

Using AFCONA – 3730 gives below advantages:

- -Excellent in leveling
- -No influent on final gloss as it has very good compatibility
- -No in-can haziness
- -No recoatable problem
- -High temperature resistance, up to 300°C
- -Contain OH group that can cross linking to the system where it will not give plasticizing effect as other leveling agent. Thus maintaining the same physical and chemical resistance

AFCONA-3730 is especially suitable for clearcoat and pigmented system, particularly in:

- 1) coil and can coatings, especially can coating
- 2) two-pack epoxy compounds
- 3) polyurethane coatings
- 4) baking paint based on alkyd, oil free polyester and thermosetting acrylic
- 5) air-drying alkyd systems
- 6) thermoplastic acrylic, but limit compatible

Product specification

Active ingredients 64 - 66%

Solvents Alkylbenzene /

Butylcellosolve / Xylene

Density at 20 °C 1.03 – 1.07

Flashpoint 45 °C

Colour max. 3

Appearance transparent to slightly

yellowish liquid

Addition and dosage

0.3 - 2.0% on total formulation. In general, under normal conditions, the dosage is 0.3 - 1.0% based on total formulation.

Incorporation

AFCONA-3730 should be added at the end of the batch preparation

Storage

AFCONA-3730 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 200 kg non-returnable containers