

AFCONA - 6745



Chemical Composition

Synergist additive for Phthalocyanine Pigments, carbon black and violet pigment in solvent based system.

Product general description

AFCONA-6745 is a synergist additive especially designed for Phthalocyanine pigments, carbon blacks and organic violets.

Product properties

AFCONA-6745 is a synergist additive it should not be used alone. It always should be used in combination with one of the AFCONA 4000-series high molecular weight dispersants.

AFCONA-6745 absorbs to the surface of the pigment. The special modified surface of AFCONA - 6745 provides an anchoring spot for the dispersant to anchor on the pigment. Thus, it improves the anchoring efficiency of a dispersant, which gives better pigment stability.

It will bring below advantages and applications:

- stabilized pigment dispersion
- reduced mill base viscosity
- higher pigment efficiency
- reduced flooding problems

Product Specification

Non-volatile matter $\geq 96\%$ (105°C, 0.5h)

Density 0.98 - 1.02 g/cm³ (20°C)

Moisture content max. 3%

Appearance blue powder

Solubility Small portion soluble but practically insoluble in normal paint solvents or resins

Addition and dosage

3.0 - 5.0% calculated on pigment.

Incorporation

AFCONA-6745 should be added to the mill base and pre dispersed for a short period.

The final grinding process should take place together with the incorporation of the high molecular weight dispersants.

Storage

AFCONA-6745 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

10kg non-returnable containers