

AFCONA – 6745



Product general description

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

Product Properties

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

As all synergist additives 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 absorb 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.

This means:

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

Product specification

Density at 20 °C	1.25 - 1.27 g/cm ³
Moisture content	max. 3%
Melting point	>240°C
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.

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

10 kg non-returnable containers