

# 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	≥96%(105°C,0.5h)
Density	0.98 - 1.02 g/cm <sup>3</sup> (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