

# AFCONA – 6755



## Chemical Composition

Collaborative dispersant, dispersing phthalocyanine pigments, carbon blacks and permanent violets in water born coating systems.

## Product general description

AFCONA-6755 is the same version as AFCONA-6745, but for water-based coating system.

AFCONA-6755 has the same properties and performances as AFCONA-6745, thus with different polar and environment in water-based coating systems.

AFCONA-6755 is a specially designed collaborative dispersant, for dispersing phthalocyanine pigments, carbon blacks and permanent violets in water born coating systems. It would not be used independently as a collaborative dispersant. It should be coordinated with high molecular weight dispersant of AFCONA.

AFCONA-6755 will be absorbed on the surface of pigment or opposite. Benefit to the special modified interfacial structure, it can provide the anchor point for other high molecular weight dispersants. Then, the efficiency of high molecular weight dispersant will be greatly improved, and give excellent stability of pigments.

It will be performed as:

- Stabilize the dispersity of pigments;
- Reduce the viscosity of grinding materials;
- Improve the tinting efficiency of pigments;
- Reduce the defect of flooding and floating.

## Product specification

Density at 20 °C	1.25 - 1.27 g/cm <sup>3</sup>
Moisture contents	Max. 3%
Melting point	Min. 240°C
Appearance	Blue powder
Solubility	tiny solubility, regard as no soluble in normal paint solvents or resin systems.

## Addition and dosage

3.0 - 5.0% based on the pigment.

## Incorporation

AFCONA-6755 should be incorporated prior to grinding process. and it should be pre-grinding for a short time.

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

## Storage

AFCONA-6755 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

5kg and 10kg non-returnable fibre container with inner bag.

AFCONA ADDITIVES

Web Site : [www.afcona.com](http://www.afcona.com)

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This version replaces all previous ones.