

AFCONA – 6755



Product general description

Synergist additive for Phthalocyanine pigments, carbon blacks and organic violets in water-based system

Product Properties

AFCONA – 6755 is in the same category as AFCONA – 6745. The only difference is that AFCONA-6755 is for water-based systems.

Due to the different polarity and environment in water-based coating systems, AFCONA-6755 is developed to perform as AFCONA – 6745 in the solvent-based system.

AFCONA-6755 always should be used in combination with one of the AFCONA 4000-series high molecular weight dispersants.

AFCONA- 6755 will 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

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| 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-6755 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-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

10 kg non-returnable containers