



AFCONA - 4061

Chemical Composition

Modified polyurethane polymer.

Product general description

High molecular weight polymeric wetting & dispersing agent for dispersing and stabilizing all types of pigments.

Product Properties:

AFCONA-4061 can provide effective steric hindrance, this makes it has excellent dispersing & stabilizing properties for all kinds of pigment. AFCONA-4061 has good compatibility with resins from medium to high polarity.

AFCONA - 4061 has below advantages:

- improved gloss and DOI, reduce haziness
- prevent floating problems
- higher colour strength
- lower viscosity
- improve the blackness of high class channel carbon blacks

Note: AFCONA – 4061 will become hazy or crystallized at temperature 10°C and below, Heat up and well-mixed, this will not influence the performance.

Product Specification

Non-volatile matter	30 - 33%(150°C,0.5h)
Solvent	Xylene/ butyl acetate/ PMA/ n-butanol
Density	0.92 - 0.96 mg/cm ³ (20°C)
Amine Value	8 - 12 mg KOH/g
Flash point	24°C
Gardner color	Max.5
Appearance	Clear to slightly hazy, yellow liquid(25°C)

Addition and dosage

Calculation method for the required amount of AFCONA-4061 on pigment:

Other inorganic pigments : 2 - 10%
Organic pigments : 20 - 40%
Carbon blacks : 30 - 80%

Incorporation

AFCONA-4061 should be incorporated in the mill base before adding the pigments.

Storage

AFCONA-4061 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

25kg and 180 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.