

AFCONA - 4060



Chemical Composition

Modified polyurethane polymer.

Product general description

High molecular weight polymeric dispersant for deflocculation of all pigments .

Product Properties:

AFCONA-4060 is a polymeric dispersant for stabilizing inorganic and organic pigments as well as carbon blacks. It has fairly stability performance, through effective steric hindrance, on all type of pigments.

This results in:

- Lower mill base viscosity
- higher colour strength
- Reduced flooding and floating

AFCONA – 4060 has below special properties and recommended in below systems :

- 1) AFCONA-4060 is a lower polar polymer compared to other AFCONA 4000 series. The price for this product is relatively low thus the pigment stability performance is less comparing to AFCONA – 4050, AFCONA 4046 and AFCONA 4047.
- 2) AFCONA-4060 is recommended for baking paints especially coil coatings. It also can be used for other resin systems as long as it is compatible.

Note: AFCONA – 4060 will become slightly hazy at temperatures below 5° C. Heating up to uniformity. It will not influence the performance and quality of final product .

Product Specification

Non-volatile matter	29 - 31%(150°C,0.5h)
Solvent	Butylacetate /PMA/ Xylene/Sec-butanol
Density	0,93 – 0,95 g/cm ³ (20°C)
Amine Value	6 - 16 mg KOH/g
Flash point	35°C
Gardner color	Max.6
Appearance	Clear to slightly hazy, yellow liquid(25°C)

Addition and dosage

Percent by weight Form of supply compare with pigments:

- 2.0 - 3.0% based on TiO₂ or extenders
- 2.0 - 4.0% based on inorganic pigments
- 20.0 - 40.0% based on organic pigments
- 20.0 - 60.0% based on carbon blacks.

Incorporation

AFCONA-4060 should be added prior to the dispersion process.

Storage

AFCONA-4060 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 190 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.