

AFCONA - 4017



Chemical Composition

Modified polyurethane polymer.

Product general description

Polymeric dispersant mainly for co-grinding, especially for coil and can coating, baking polyester and acrylic, epoxy and polyurethane

Product Properties:

AFCONA-4017 is a polymeric dispersant mainly developed for co-grinding purposes for coil and can coating, baking polyester and acrylic, epoxy as well as polyurethane.

Comparing to AFCONA - 4015, AFCONA - 4017 does not depend on polarity and perform well in almost all resins system especially for dark color co-grinding.

Product Specification

Non-volatile matter	28 - 32%(150°C,0.5h)
Solvent	PMA/BAC/Sec-butanol/ Alkylbenzene/DIBK
Acid Value	25 - 45 mg KOH/g
Amine Value	3 - 12 mg KOH/g
Flash point	39°C
Appearance	Clear, yellow to slightly brown liquid (25°C)

Addition and dosage

Calculation method for the required amount of AFCONA-4015 on pigment:

TiO ₂ :	6 - 8%
Other inorganic pigments :	5 - 10%
Organic pigments :	20 - 40%
Carbon blacks :	30 - 60%

However the optimum dosage will be 1% in total formulation.

Incorporation

AFCONA-4017 should be incorporated in the mill base before adding the pigments.

Storage

AFCONA-4017 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

Note: AFCONA – 4017 will become slightly hazy at temperature 5°C and below, but this will not influent the quality.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.