

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	Methoxy propyl acetate/ /BAC/Sec-butanol/ Alkylbenzene/DIBK
Amine Value	3 - 12 mg KOH/g
Acid Value	25 - 45 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-4017 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 180 kg non-returnable containers

For product safety information: please take reference of SDS.

Note: AFCONA – 4017 will become slightly hazy at temperature 5°C and below, heating up and well-mixed, this will not influence its performance.

AFCONA ADDITIVES

Web Site : www.afcona.com

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments.

This version replaces all previous ones.