

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.

Note: AFCONA – 4017 will become slightly hazy at temperatures below 5° C. This will not influence the quality.

Product specification

Active ingredients	28 – 32%
Solvents	Butylacetate / Methoxy Propyl Acetate / Isobutanol / Alkylbenzene / Diisobutylketone
Amine value	3 - 12 mg KOH/g
Acid value	25 – 45 mg KOH/g
Flashpoint	24°C
Colour	max.7

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

25 kg and 180 kg non-returnable containers