

AFCONA - 4215



Chemical Composition

Modified block co-polymer

Product general description

High molecular weight dispersant which designed for water-born industrial coatings, Prevent flocculation of pigments and strong viscosity reducing.

Product Properties:

AFCONA-4215 is a high efficient high molecular weight dispersant. It has excellent wetting & dispersing properties as well as stability for inorganic, organic pigments and carbon blacks. And it has excellent stability for all kinds of fillers either.

AFCONA-4215 is recommended to prepare the pigmented concentrate which without resins. It also can be used in all kinds of water-born architecture coatings and industrial coatings. It will reduce the viscosity rapidly of pigment concentrate, meanwhile with low foaming behaviour. it will not influence the grinding efficiency which caused by foams.

AFCONA - 4215 has below advantages:

- Excellent viscosity reduction;
- Low foaming behaviour;
- Prevent flocculation and floating;
- fewer influence of water resistance;

Note: AFCONA - 4215 will become slightly hazy or crystalization, low flowability below 4°C. Warm up to 30 - 50°C and well-mixed, this will not influence its performance.

Product Specification

Non-volatile matter	≥98%(120°C,0.5h)
Density	1.02 - 1.09 mg/cm ³ (20°C)
Acid Value	20 - 30 mgKOH/g
Flash point	>100°C
Appearance	Clear to slightl hazy, yellow liquid(25°C)

Addition and dosage

Calculation method for the required amount of active ingredient on pigment.

TiO ₂	:2 - 3%
Other inorganic pigments	:2 - 5%
Transparent iron oxide	:20 - 40%
Organic pigments	:20 - 50%
Carbon blacks	:20 - 60%

Incorporation

AFCONA-4215 should be incorporated in the mill base before adding the pigments.

Storage

AFCONA-4215 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 3 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25kg and 200 kg non-returnable containers

For product safety information: please take reference of SDS.

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.