

# AFCONA-4208



## **Chemical Composition**

Modified polyurethane polymer.

## **Product general description**

High molecular weight polymeric dispersant for all types of pigments.

## **Product Properties:**

AFCONA-4208 is a very effective polymeric dispersant for stabilizing inorganic and organic pigments as well as carbon blacks. It has very good stability performance, through effective steric hindrance, on all types of pigments.

AFCONA-4208 can also be used to prepare universal pigment concentrates, which can effectively reduce the viscosity of the pastes, improve the miscibility between different pastes, and prevent floating color problems.

AFCONA-4208 is 100% active ingredient supply form and VOC-free.

## **Product Specification**

Non-volatile matter	≥98%(150°C,0.5h)
Denisty	1.02-1.06 g/cm <sup>3</sup> (20°C)
Refractive index	1.463-1.483 (25°C)
Amine Value	25-45 mg KOH/g
Appearance	Brownish highly viscous liquid (25°C)

## **Addition and dosage**

Calculation method for the required amount of AFCONA-4208 on pigment:

TiO <sub>2</sub> :	2 - 5%
Other inorganic pigments :	5 - 10%
Organic pigments :	20 - 40%
Carbon blacks :	30 - 80%

## **Incorporation**

AFCONA-4208 should be incorporated in the mill base before adding the pigments and mixed well with shear force.

## **Storage**

AFCONA-4208 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](http://www.afcona.com)

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This version replaces all previous ones.