

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)

Density 1.02-1.06 g/cm³ (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:

TiO₂ : 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

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This version replaces all previous ones.