

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. Through effective steric hindrance, it provides very good stability for all types of pigments.

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

AFCONA-4208 is 100% active content and VOC-free.

Product Specification

Non-volatile matter	≥98%(150°C, 0.5h)
Density	1.02 - 1.06 g/cm ³ (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 non-volatile matter on pigment:

TiO ₂ :	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, with additional shear force to ensure thorough mixing.

Storage

AFCONA-4208 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 200kg 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.