

AFCONA – 5290



Chemical Composition

Polymer with pigment affinity groups

Product general description

100% version of high molecular weight dispersants

Product Properties

AFCONA – 5290 another 100% solid dispersant created for high solid systems as well as formulation that facing VOC limitation.

AFCONA – 5290 the differences are as below:

- 1) AFCONA – 5290 is suitable for all solvent based systems ranging from low polar to high polar, including air dry alkyd.
- 2) AFCONA – 5290 has very good pigment stability and performance. It gives good viscosity reduction and high colour strength.
- 3) AFCONA – 5290 supply in almost 100% active ingredients, therefore, it is an excellent dispersant for high solid coatings like Polyurethane, epoxy and UV coating.
- 4) The almost 100% solvent-free form makes it also a very interesting dispersant for ink formulations. This due to the free choice of solvents.

Note:

- 1) AFCONA – 5290 will become slightly hazy at temperatures below 5° C. This will not influence the dispersing quality.

Product specification

Active ingredients	≥ 96%
Density at 20 °C	1.015- 1.035 g/cm ³
Reflective index	1.455 – 1.465
Acid Value	5 – 15mg KOH/g
Amine value	4 - 12 mg KOH/g
Colour	max.8

Addition and dosage

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

TiO ₂	:2 - 3%
Other inorganic pigments	:2 - 4%
Organic pigments	:20 - 40%
Carbon blacks	:20 - 60%

Incorporation

AFCONA – 5290 should be incorporated in the mill base before adding the pigments.

Storage

AFCONA – 5290 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 190 kg non-returnable containers