

AFCONA - 2583



Chemical Composition

None silicone defoamer with hydrophobic solid particles

Product general description

Water based defoamer and anti-foam for high shear application such as pigment concentrate preparation. Also suitable for UPE, Epoxy and PVC composite systems

Product Properties

AFCONA - 2583 is none silicone defoamer with synthetic silica which designed to give good defoamer and anti-foam performances in all water based coating.

AFCONA - 2583 has below performance and properties:

- 1) It has very good performance in high shear application. Under high shear environment such as long period of grinding, it still can maintain it good defoaming and anti-foam performance. Thus very suitable to use as defoamer in pigment concentration preparation and high speed flexo printing process.
- 2) It also effective as defoamer in normally coating ranging from PU dispersion to normal acrylic based decorative paint.
- 3) Very suitable for water based refinish based coating as the polymer in AFCONA - 2583 does not migrate and will not cause crater to the clearcoat.
- 4) Due to it hydrophobic character and not containing any solvents or water, it is also suitable for UPE, Epoxy and PVC composite systems.

Product specification

Active ingredients	> 95%
Density at 20 °C	1.01 - 1.03 g/cm ³
Refractive index	1.445 - 1.4550
Flashpoint	> 100°C
Appearance	transparent to slight yellowish liquid

Addition and dosage

0.05 – 1.00% on total formulation. In general under normal conditions, the dosage is 0.05 – 0.25% based on total formulation. In pigment paste preparation, normal dosage will be ranging from 0.5 to 1.0%

Incorporation

AFCONA - 2583 can be added at any stage during the production process.

Storage

AFCONA - 2583 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 180 kg non-returnable containers