AFCONA - 3593

Chemical Composition
Polyether modified polysiloxane.

Product general description
AFCONA-3593 is a levelling and substrate wetting agent for aqueous coatings and printing inks.

Product Properties:
AFCONA – 3593 is a special structure designed polyether modified polysiloxane. It can quickly reduce the surface tension and improve the performance of substrate wetting, as well as excellent anti-crater property, improve the mobility. And without inner adhesion problem between coating films.

AFCONA-3593 has below advantages:

1) Excellent anti-crater behavior.
2) Good levelling property.
3) Fast substrate wetting.
4) No adhesion problems between coating films, No re-coating problems.
5) Little or no foam stability.

Product Specification

Active ingredients	⩾96%
Density at 20℃	1.00 – 1.03 g/cm^3
Refractive index	1.441 – 1.461
Flash point	⩾100℃
Colour	Max.6
Appearance	Clear to slight yellowish liquid

Addition and dosage
0.1 – 1.0% on total formulation. In general, under normal conditions, the dosage is 0.2 – 0.8% based on total formulation.

Incorporation
AFCONA-3593 should be added prior to processing. Shear force is required.

Storage
AFCONA-3593 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 190 kg non-returnable containers

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This version replaces all previous ones.