

AFCONA – 3588



Chemical Composition

Organically modified polysiloxane for aqueous systems.

Product general description

Silicone based levelling, substrate wetting and anti-crater agent for aqueous coatings without influence of inter coating adhesion.

Product Properties

AFCONA – 3588 has a very strong surface tension reduction and good compatibility properties. Hence, it is very effective in below properties for any water based systems:

1. better substrate wetting
2. excellent anti-crater behavior
3. improved levelling
4. no intercoat adhesion problems
5. little or no foam stabilization
6. good compatibility

AFCONA – 3588 and the others AFCONA 358X series products have different modification on the polyether part where these different modification result in different orientation of the polymer in various aqueous resin systems to obtain different surface tension reduction and substrate wetting. Thus we recommended to test most of products to obtain the suitable product to use.

Product specification

Active ingredients	≥ 96%
Density at 20 °C	1.04 - 1.08 g/cm ³
Refractive index	1.445 – 1.465
Colour	max.3
Appearance	Clear to slightly hazy yellowish liquid

Addition and dosage

0.1 - 1.0% on total formulation. In general, under normal conditions, the dosage is 0.1 – 0.3% based on total formulation.

Incorporation

AFCONA-3588 should be added prior to, or after processing

Storage

AFCONA-3588 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

20 kg and 180 kg non-returnable containers