

AFCONA – 3836



Chemical Composition

Polyether modified polysiloxane contains methylacrylic acid end groups.

Product general description

AFCONA - 3836 is a reactive silicone leveling agent, which can react with UV curing and vinyl cross-link systems.

Product Property

AFCONA-3836 is the structure of polyether modified polysiloxane, this would prevent the formation of benard cell, provide the properties of substrate wetting and fast leveling of coating film, and no foam stabilizing behavior.

Benefit of the methylacrylic acid end groups, AFCONA-3836 will participate in the curing reaction with UV and other free radical curing systems, and improve the mechanic performance as well as good touch feeling.

AFCONA – 3836 is recommended for below applications:

- 1) UV curing and EB curing systems
- 2) Other resin systems which contains reactive unsaturated double bond;
- 3) Fast curing baking systems;

Product specification

Non-volatile matter	≥97% (120°C,0.5h)
The refractive index	1.433 - 1.453 (25°C)
Density	0.97 - 1.01 g/cm ³ (20°C)
Flashpoint	> 100°C
Appearance	Clear to yellowish liquid (25°C)

Addition and dosage

0.1- 0.5% on total formulation

In general, under normal conditions, the dosage is 0.10 – 0.30% based on total formulation.

Incorporation

AFCONA-3836 should be added at the end process of batch preparation.

Storage

AFCONA-3836 should be stored in a cool dry place below 40°C. When kept in an original unopened container, it will keep up to 2 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25kg and 200kg non-returnable closed steel container.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.