

AFCONA - 3835



Chemical Composition

Organically modified polyether reactive polysiloxane with methacrylate functional group

Product general description

Additive designed as crosslinkable slip and leveling for UV coating

Product Properties

AFCONA-3835 is a reactive polyether modified polysiloxane with methacrylate functional that can crosslinking to UV / EB systems. With this property, it allow the formulator to formulate a permanent slip coating for anti-blocking and anti-scratch coating.

AFCONA-3835 have below properties and recommended for systems as below

- 1) It has good slip and leveling performances where after crosslinking, it gives permanent slip.
- 2) It suitable for UV and EB curing systems.
- 3) Due to it methacrylate functional, it also can be used for any systems that using the unsaturated bond crosslinking as primary curing reaction such as UPE.

Product specification

Active ingredients	≥ 95%
Refractive index	1.440 - 1.450
Flashpoint	> 100 °C
Appearance	transparent to slight yellowish

Addition and dosage

0.05 - 1.0% on total formulation. In general under normal conditions, the dosage is 0.1 – 0.5% based on total formulation

Incorporation

AFCONA-3835 should be added at the last stage of the production process. The production process after added AFCONA – 3835 should be below 50°C.

Storage

AFCONA-3835 should be stored in a cool dry place. 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

25 kg and 180 kg non-returnable containers