

AFCONA - 3285



Chemical Composition

Organically modified polyether polysiloxane

Product general description

Slip and leveling agent hydroxyl functional terminated.

Product Properties

This is a polysiloxane based polymer with di-hydroxyl functional groups terminated at both end. This enables AFCONA – 3285 to cross-link in polyurethane system as well as in baking paints.

With the cross-linking properties AFCONA – 3285 specially is designed to give permanent slip to polyurethane coatings and baking paints.

AFCONA – 3285 is very compatible with most systems. Therefore, it could stabilize foam. Thus, in foam sensitive systems a suitable defoamer needs to be combined. For normal conventional pressure spray, additional defoamers are not needed.

AFCONA-3285 is recommended for all kind of solvent-based coatings, especially wood coatings.

Note : AFCONA – 3285 will become waxy at temperatures below 10° C. Flowable liquid can be obtain by heating it to 50-60°C. This will not influence the quality.

Product specification

Active ingredients	≥ 96%
Density	1.00 – 1.04 g/cm ³
Refractive Index	1.430 – 1.450
Hydroxyl value	1200 gram equivalent
Flashpoint	>100 °C
Colour	Max 3
Appearance	Hazy liquid with slight yellowish liquid

Addition and dosage

0.1- 1.0% on total formulation. In general under normal conditions, the dosage is 0.2 – 0.5% based on total formulation. To prevent hand marking in PU wood coatings, the dosage needed is 1 – 3% on total formulation.

Incorporation

AFCONA-3285 can be added at any stage during the production process. If added during the dispersion process, it speeds up wetting.

Storage

AFCONA-3285 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 190 kg non-returnable containers