

AFCONA-3254



Chemical Composition

Polyether modified polysiloxane.

Product general description

Wetting and leveling agent for solvent-based coating systems.

Product Properties

AFCONA-3254 is a polyether-modified polysiloxane recommended as a substrate wetting and leveling agent for solvent-based systems. It migrates rapidly to the liquid-solid and liquid-air interfaces, preventing the formation of Bernard cells in solvent-based coating systems, and providing wetting and leveling performance.

AFCONA-3254 is easily compatible with most solvent-based resin systems and exhibits low foam-stabilizing behavior.

AFCONA-3254 is a medium-performance dry slip leveling agent.

AFCONA-3254 is recommended for:

- 1) Two-component polyurethane systems;
- 2) TPA systems;
- 3) Epoxy resin systems.

Product Specification

| | |
|---------------------|---|
| Non-volatile matter | ≥98 % (120°C,0.5h) |
| Density | 0.985 - 1.025 g/cm ³ (20°C) |
| Refractive index | 1.424 - 1.439 (25°C) |
| Flash point | > 100°C |
| Appearance | Clear to slightly yellowish liquid (25°C) |

Addition and dosage

0.1-1.0% on total formulation. Under normal conditions, the dosage is 0.3-0.5% based on total formulation.

Incorporation

AFCONA-3254 can be incorporated at any stage of production. If added during the later blending stage, shear force must be applied to ensure homogeneous mixing with the system.

Storage

AFCONA-3254 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 5 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 200kg non-returnable containers

For product safety information: please refer to the product SDS.