

AFCONA – 3758



Chemical Composition

Polyacrylic polymer

Product general description

Levelling and flow control agent for solvent-based coatings with anti-crater properties.

Product Properties

In today coating world, polymers containing fluorocarbon is nearly banned in all coating related to electronic application. AFCONA – 3758 are mainly developed to replace fluorocarbon modified leveling agent where it gives the same levelling and anti-crater performance.

AFCONA – 3758 is a special modified polyacrylic polymer. It reduces drastically surface tension of organic coating systems. This, together with good compatibility in most solvent-based systems and with minimal foam stabilizing effect, makes it very effective as an anti-crater and flow control agent for all solvent based coating.

The levelling and anti-crater of AFCONA – 3758 can be further improve by combine with AFCONA any silicone containing or fluorocarbon containing, wherever it permitted, leveling agent. It will further improve the levelling, anti-crater and substrate wetting properties.

AFCONA-3758 is especially suitable for:

- 1) stoving enamels based on alkyd, acrylic and polyester resins
- 2) polyurethane coatings
- 3) two-pack epoxy compounds
- 4) Thermoplastic system like NC, TPA and CAB
- 5) UV coating

Product specification

Active ingredients	50 - 53%
Solvents	Methoxy Propyl Acetate
Flashpoint	42°C
Colour	max.3
Appearance	transparent to 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

Incorporation

AFCONA-3758 should be added at the end of the batch preparation

Storage

AFCONA-3758 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 180kg non-returnable containers