

AFCONA-5012



Chemical Composition

Solution of modified phosphate compound.

Product general description

AFCONA-5012 is a highly efficient substrate wetting and rheology control agent.

Product Properties

AFCONA-5012 is effective at improving substrate wetting properties for paints, as well as obtaining better long-wave leveling ability. It has excellent compatibility and good solubility with most resins.

AFCONA-5012 offers the following advantages:

- 1) Improve substrate wetting;
- 2) Improve leveling ability;
- 3) Prevent popping;
- 4) Improve air-blister releasing ability;
- 5) No negative influence on interface adhesion.

Note: AFCONA-5012 may become slightly hazy when stored below 2°C or under extremely cold conditions. It can be heated up at around 40°C and mix thoroughly before use. This will not affect the overall quality.

Product Specification

Density	0.864 - 0.894 g/cm ³ (20°C)
Refractive index	1.420 - 1.440 (25°C)
Flash point	77°C
Appearance	Transparent to slightly hazy pale yellow liquid (25°C)

Addition and dosage

0.5 - 2.0% based on total formulation

Incorporation

AFCONA-5012 can be incorporated at any stage of process.

Storage

AFCONA-5012 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 170kg non-returnable containers.

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