

# AFCONA-K255-5



## Chemical Composition

Special structure polyether modified surfactant.

## Product general description

Modified surfactant, used as an emulsifier in the preparation of epoxy emulsions.

## Product properties

AFCONA-K255-5 has good compatibility with epoxy resin, and it can be used to form a uniform dispersion or emulsion. A small amount of AFCONA-K255-5 can significantly reduce the interfacial tension between oil and water and maintain the stability of the emulsion.

Note: AFCONA-K255-5 is in paste form, if stored at below 30°C. Flow-able liquid state is restored when heated at above 45°C.

## Product Specification

Non-volatile matter	≥98% (120°C, 0.5h)
Density	1.08 - 1.12 g/cm <sup>3</sup> (20°C)
Amine value	12 - 20 mg KOH/g
Flash point	> 100°C
Appearance	Pale milky white to pale yellow paste (25°C)

## Addition and dosage

The usual dosage is 4 - 8% of the mass of the oil phase to be emulsified.

## Incorporation

AFCONA-K255-5 can be used in all emulsification processes.

## Storage

AFCONA-K255-5 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 2 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package. After each use, it should be sealed and stored in a cool dry place as soon as possible, avoiding contact with moisture.

## Packaging

30kg and 200kg non-returnable containers

**For product safety information: please take reference of SDS.**

AFCONA ADDITIVES

Web Site : [www.afcona.com](http://www.afcona.com)

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This version replaces all previous ones.