

# AFCONA - 7472



## Chemical Composition

High molecular weight co-polymer.

## Product general description

AFCONA-7472 is specially designed surface active agent, it contains high functionality with strong pigment anchoring groups.

## Product Properties:

AFCONA – 7472 is recommended for UPE, PVC, epoxy resin and polyurethane elastomer systems. Especially in SMC, BMC, TMC systems to eliminate separation and make the different resin mixture more stable. Such as PS, SBS and modified UPE systems.

AFCONA – 7472 also can be used as wetting and dispersing agent for extenders and pigments to help them keep stable. Especially in carbon black and organic pigments, it results in better colour development.

AFCONA – 7472 also has very good wetting performance to the interface between resin and glass fiber. It can improve the adhesion property between resin and glass fiber, and enhance the wetting speed in processing.

Note: AFCONA – 7472 may become slightly hazy or crystallized below 5° C. Heat up and well mixed, this will not influence its performance.

## Product Specification

Non-volatile matter	34 - 36%(150°C*30min)
Solvent	BAC/PMA/Sec-butanol
Density	0.96 – 0.98 g/cm <sup>3</sup> (20°C)
Gardner color	Max.4
Amine value	10 - 20 mgKOH/g
Flash point	31°C
Appearance	Transparent, Yellowish liquid(25°C)

## Addition and dosage

For anti-separation  
0.5 – 2.0% based on total formulation.

For carbon black and organic pigments  
Dispersant:  
20-100% based on pigment weight

For fiber glass wetting:  
0.5 – 2.0 based on fiber glass weight

## Incorporation

AFCONA – 7472 should be incorporated in the mill base before adding the pigments. If added after process, more addition and higher shear force are required to achieve good performance.

## Storage

AFCONA-7472 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

25kg and 190 kg 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.