

# AFCONA - 7472



## **Chemical Composition**

High molecular weight polymer.

## **Product general description**

Polymer with high pigment affinity.

## **Product Properties:**

AFCONA – 7472 is recommended for UPE, PVC, epoxy and polyurethane resin systems.

In SMC, BMC and TMC systems, AFCONA – 7472 work as anti-separation agent in combination of different resins systems, for example in PS(polystyrene) and/or SBS(styrene butadiene rubber) with UPE resin.

AFCONA – 7472 also can be used as wetting and dispersing agent for extender and pigments. Especially in carbon black and organic pigments, it results in better tinting strength and colour tone.

AFCONA – 7472 also has very good wetting power to fiber glass. A system with good fiber wetting will result in better bonding within the fiber and resin that lead to better mechanical strength.

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)
Density	0.95 – 0.97 g/cm <sup>3</sup> (20°C)
Amine value	10 - 20 mgKOH/g
Flash point	>100°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. However if used as anti-separation agent and/or fiber wetting, can be added in mill based or after mixing.

## **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.