

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 at temperatures below 5° C. This will not influence the quality.

Product specification

Active ingredients	34 – 36%
Solvents	Butyl Acetate / PMA / sec-butanol
Density at 20 °C	0.95 - 0.97 g/cm ³
Amine value (mgKOH/g)	10 - 20
Flashpoint	24 °C
Appearance	transparent yellowish liquid

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 mix.

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

25 kg and 190 kg non-returnable containers