

AFCONA - 7476



Chemical Composition

High molecular weight dispersant with solid surface affinity groups.

Product general description

High affinity dispersant towards acidic and neutral carbon black, fiberglass and other pigments.

Product Properties:

AFCONA – 7476 is suitable as a dispersing agent for UPE (SMC, BMC, TMC and pigment concentrates), polyvinyl, epoxy, polyurethane elastic resin systems.

AFCONA – 7476 gives excellent wetting to the fiberglass where this lead to faster wetting of resin to the fiber glass and eventually gives a better bonding strength and performance in the final product.

AFCONA – 7476 is suitable for all pigments, ranging from inorganic to organic pigments, as well as carbon black.

In PVC and PU foam industrials, it often used as dispersing agent for acidic or neutral carbon black where this gives better viscosity reduction and pigment stability.

It also serve as anti-separation additives in SMC, BMC and TMC where it will prevent the separation for anti-shrinkage resin like polystyrene and styrene-butadien-styrene Polymer.

In coating, AFCONA – 7476 act as a very good co-grinding dispersant to prevent flooding and floating. Of course it is also suitable for separate grinding.

Not containing any plasticizers.

Note: AFCONA – 7476 will become slightly hazy at temperatures below 5° C. This will not influence the quality.

Product Specification

Non-volatile matter	≥ 90 % (120°C,0.5h)
Density	1.03 – 1.07 g/cm ³ (20°C)
Acid Value	25 - 35 mg KOH/g
Amine Value	15 - 25 mg KOH/g
Flash point	>100°C
Appearance	Clear, brownish liquid(25°C)

Addition and dosage

As anti-separation – 0.5 – 2.0 in total formulation.

As dispersing agent – 10-30% on pigments.

As fiber glass wetting – 0.5 – 2.0 on fiber glass weight.

As co-grinding aids – 0.5 – 1.5% on total formulation (post add or pre-add)

Incorporation

AFCONA - 7476 should be incorporated in the mill base before adding the pigments. However, also can be used as post added additive to solve flooding and floating.

Storage

AFCONA-7476 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 200 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.