

AFCONA - 7510



Chemical Composition

Acidic functional block polymer.

Product general description

Block polymer with acidic functional with viscosity depressing property.

Product Properties:

AFCONA - 7510 is recommended for UPE, PVC, epoxy and polyurethane resin systems.

AFCONA - 7510 is very close to AFCONA - 7500 and AFCONA - 7520 but with different modification. Thus the performance is very close but in different resins, both may behave differently in viscosity depressing. Among 3 products, AFCONA - 7510 has the highest hydrophilic behaviors.

It has very good viscosity depressing property in high filled system. Thus it is very suitable for high ATH system or artificial marble industrials.

Due to it high acidic functional, AFCONA - 7510 also can be used in BMC system as viscosity stabilizer.

AFCONA - 7510 also has very good wetting power to fiber glass.

Note: AFCONA - 7510 is cream form at room temperature. Can be easily dissolved in solvents.

Product Specification

Non-volatile matter $\geq 95\%$ (120°C,0.5h)

Acid value 120 – 140 mg KOH/g

Flashpoint $>100^{\circ}\text{C}$

Appearance Yellow to tawny cream(25°C)

Addition and dosage

For pigments/filler dispersant:
0.5 - 5.0% based on pigment/filler weight

For viscosity stabilizer wetting:
0.2 - 1.0 based on resin weight

Incorporation

AFCONA-7510 should be added prior to the dispersion process.

Storage

AFCONA-7510 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

30kg and 220 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.