

AFCONA - 4720



Chemical Composition

Modified polyacrylate blocked polymer.

Product general description

AFCONA – 4720 contain AB blocked polymer and a group of anchoring agent, an advance 3 blocked high molecular weight dispersant. This structure allowed pigment concentrate that based on AFCONA – 4720 will gives better compatibilities and wider applications. This is 100% active with low VOC character.

Product properties

AFCONA-4720 has below properties:

- good compatibility, thus very compatible with TPA and NC resins systems
- recommended for OEM and refinish coating as well as other high performance coatings
- the performance in high jetness black is excellent. It gives very good jetness to difficult high jetness black pigments.
- due to the special anchoring group, the product colour is rather dark but this will not influence the final coating performance.

Note: AFCONA – 4720 will become slightly hazy at temperatures below 10° C. This will not influence the quality.

Product Specification

Non-volatile matter	≥96% (150°C,0.5h)
Density	1.04 – 1.08 g /cm ³ (20°C)
Amine Value	24 – 30 mgKOH/g
Acid Value	14 - 22 mgKOH/g
Flash point	>100°C
Appearance	Clear to Slightly hazy liquid (25°C)

Addition and dosage

Calculation method for the required amount of active ingredient on pigment:

TiO ₂	: 2 - 3%
Other inorganic pigments	: 5 - 10%
Organic pigments	: 20 - 40%
Carbon blacks	: 40 - 80%

Incorporation

AFCONA-4720 should be incorporated in the mill base before adding the pigments.

Storage

AFCONA-4720 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 5 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

30kg and 200kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.