

# 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 5° C. This will not influence the quality.

## Product specification

Active ingredients	≥ 96%
Density at 20 °C	1.04 – 1.08g/cm <sup>3</sup>
Amine value	24 - 30 mg KOH/g
Acid value	14 - 22 mg KOH/g
Flashpoint	> 100°C
Colour	max. 18
Apperance	Transparent to slight hazy brownies liquid.

## Addition and dosage

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

TiO <sub>2</sub>	: 2 - 3%
Other inorganic pigments	: 2 - 4%
Organic pigments	: 20 - 40%
Carbon blacks	: 20 - 60%

## Incorporation

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

## Storage

AFCONA-4720 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