

AFCONA – 4592



Chemical Composition

Polyether Modified styrene block copolymer.

Product general description

High efficient polymeric dispersant for high filler content and resin-free concentrate manufacturing. And it will prevent flocculation of pigment.

Product Properties:

AFCONA-4592 has excellent performance of wetting and dispersing for inorganic/ organic pigments and carbon blacks. It also can be used for aqueous concentrate of high filler and pigment content.

AFCONA-4592 has below advantages:

- Lower viscosity of concentrate;
- Better color development;
- Prevent flocculation and floating of pigments;

No pH influence of AFCONA-4592 in coating systems. And widely compatible with most of aqueous industrial coating systems. AFCONA - 4592 is totally soluble in water, neutralization is unnecessary.

AFCONA-4592 is recommended to resin-free and universal pigment concentrates manufacturing, as well as general industrial paints and decorative paints.

Note:

AFCONA – 4592 will become slightly hazy at temperatures below 5° C. This will not influence the quality.

Product Specification

Active ingredients 38 -41%

Solvent Water/TPM

Density at 20°C 1.045 – 1.085 g/cm³

Amine value 50 – 60 mg KOH/g

Flash point ≥100°C

Gardner Color Max.12

Appearance Transparent to slightly hazy, brownish liquid

Addition and dosage

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

TiO2 : 1 - 3%

Other inorganic pigments : 5 - 10%

Organic pigments : 20 - 60%

Carbon blacks : 30 - 80%

Incorporation

AFCONA-4592 should be incorporated in the mill base before adding the pigments.

Storage

AFCONA-4592 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 3 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25kg and 190 kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com/www.afcona.com.my

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