

AFCONA - 7473



Chemical Composition

Modified high molecular weight polyurethane polymer solution.

Product general description

AFCONA-7473 is based on special structure modified polyurethane, it has wide range of compatibility with resins. It can prevent phase separation from multiply polarity resins system.

Product Properties:

AFCONA-7473 is recommended for all kinds of UPE resin systems, vinyl resins, epoxy resins and polyurethane elastomer and etc. Especially recommended for preventing separation in BMC, SMC, TMC systems. And it can stable different polarity resins blended system during storage, such as polystyrene(PS), Styrenic Block Copolymers(SBS) and modified unsaturated polyester(UPE) systems.

AFCONA-7473 also can be used to deal with pigments and fillers. Act as wetting and dispersing agent, to help disperse pigments and fillers and keep them stable.

Product Specification

Non-volatile matter	38 - 41%(150°C,0.5h)
Solvent	Propylene glycol methyl ether acetate
Density	0.98 – 1.01g/cm ³ (20°C)
Acid value	2 - 5 mgKOH/g
Flash point	44°C
Gardner color	Max.5
Appearance	Transparent, yellowish liquid.(25°C)

Addition and dosage

Phase separation application:

0.5 - 2.0% on total formulation;

For color development and dispersing application:
50 -100% for carbon blacks and organic pigments.

Incorporation

AFCONA-7473 should be incorporated in the mill base before adding the pigments. And make sure well-mixed with base materials.

It also can be added after process, then more addition and high shear force are required to get good performance.

Storage

AFCONA-7473 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

25kg and 200kg non-returnable containers

For product safety information: please take reference of SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.