

KAM-DCA 940

Low molecular weight dispersion control additive for mineral fillers in unsaturated resin systems and adhesives.

It prevents the flooding/floating and settling of pigments and fillers in epoxy and VE/UP-based laminates.

Strong reduction in the flooding/floating of colored pigments in gel coats.

Technical Specifications

Composition	:	Solution of an unsaturated polycarboxylic acid polymer and a polysiloxane copolymer
Specific gravity @ 20°C	:	ca. 0.95 g/cm ³
Acid value	:	145 mg KOH/g
Flashpoint	:	28 °C
Appearance	:	Clear brownish liquid
Active matter	:	52%

Applications

KAM-DCA 940 is a dispersion control additive for mineral fillers as well as inorganic and organic pigments. It stabilizes the solid particles in resin systems and prevents the settling of fillers and the flooding/floating of pigments.

KAM-DCA 940 is particularly used in color pastes and gelcoats based on unsaturated polyester resins.

KAM-DCA 940 is also highly recommended for use in epoxy- and polyester-based adhesive systems.

KAM-DCA 940 can also prevent the settling of pigments and fillers in VE/UP-based formulations for pultrusion applications.

KAM-DCA 940 contains a small amount of a very compatible organically modified polysiloxane copolymer, which makes it very useful in preventing Bénard cells and silking.

KAM-DCA 940 should be incorporated in the mill-base before adding the pigments. Amount of additive based upon pigment can be determined as follows:

Inorganic pigments	:	0.5-3% (as supplied)
Fillers	:	0.5-2% (as supplied)
Organic pigments	:	2.5-5% (as supplied)

Storage, Safety and Packaging

To be stored in a cool dry place and handled in accordance with good industrial practice.

When kept in an original unopened container, it will keep up to min. 4 years from the date of manufacture.