

KAM-DCA 193

VOC- and solvent-free high molecular weight dispersion control additive for aqueous printing inks. Particularly recommended for resin-containing pigment concentrates.

Technical Specifications

Composition	: Solution of a polyether
Solvent(s)	: Water
Specific gravity @ 20°C	: ca. 1.05 g/cm ³
Appearance	: Colorless liquid
Active matter	: 40%

Applications

KAM-DCA 193 deflocculates pigments and stabilizes them by means of steric hindrance. As a result of the small particle sizes of the deflocculated pigments, high levels of gloss and improved color strength can be achieved. The transparency is drastically increased and the viscosity noticeably reduced.

KAM-DCA 193 is particularly recommended for the production of resin-containing pigment concentrates that are meant for aqueous gravure, flexographic and screen-printing inks.

KAM-DCA 193 facilitates the production of cost-effective and highly filled pigment concentrates with good flow properties.

KAM-DCA 193 reduces the tendency to foam which is often observed when using grinding resins and it also improves the colorant acceptance.

The appearance of **KAM-DCA 193** varies between clear and opaque depending on the temperature. This does not affect the performance of the product.

KAM-DCA 193 should be incorporated in the mill base before adding the pigments. Amount of additive based upon pigment can be determined as follows:

Titanium dioxide	: 1-3% (as supplied)
Organic pigments	: 4-6% (as supplied)
Carbon blacks	: 4-8% (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.