

## KAM-DCA 192

VOC- and solvent-free high molecular weight dispersion control additive for waterborne coating systems, printing inks, liquid color masterbatches and pigment pastes for unsaturated polyester resin systems.

### Technical Specifications

Composition	:	Block copolymer with pigment affinic groups
Specific gravity @ 20°C	:	ca. 1.05 g/cm <sup>3</sup>
Acid value	:	<6 mg KOH/g
Appearance	:	Light brownish liquid
Active matter	:	>98%

### Applications

**KAM-DCA 192** 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 192** is especially suited for the production of stable aqueous effect pigment dispersions, with grinding resin or without grinding resin.

**KAM-DCA 192** is also particularly recommended for the production of pigment pastes for gel coats and gravure, flexo and screen-printing inks.

**KAM-DCA 192** should be incorporated in the mill base before adding the pigments. Amount of additive based upon pigment can be determined as follows:

Titanium dioxide	:	3-7% (as supplied)
Inorganic pigments	:	20-35% (as supplied)
Organic pigments	:	15-30% (as supplied)
Carbon blacks	:	15-45% (as supplied)
Effect pigments	:	3-6% (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. Crystallization or turbidity may occur at temperatures < 20 °C. Warm to 30 °C and mix well.