

KAM-DCA 180

Solvent-free dispersion control additive for solvent-borne, solvent-free and aqueous coatings, printing inks and adhesives for stabilizing inorganic pigments, in particular titanium dioxide. Ideal for transparent iron oxide pigments.

Technical Specifications

Composition	: Alkylol ammonium salt of a copolymer with acidic groups
Acid value	: 84-88 mg KOH/g
Amine value	: 83-87 mg KOH/g
Specific gravity @ 20°C	: ca. 1.15 g/cm ³
Appearance	: Transparent yellowish liquid
Active matter	: >98%
Solid content	: >88%

Applications

KAM-DCA 180 stabilizes titanium dioxide and transparent iron oxides in automotive paints (Car Refinish and OEM) and wood coatings leading to the following properties:

- Reduced dispersing time
- Higher pigment load
- Improved gloss and flow
- Reduced viscosity of the mill-base
- Improved color strength

White base paints stabilized with **KAM-DCA 180** exhibit higher hiding power, have better color acceptance and do not demonstrate flooding and floating.

KAM-DCA 180 should be incorporated in the mill-base before adding the pigments. Amount of additive based upon pigment can be determined as follows:

TiO ₂	: 1.5-2.5% (as supplied)
Transparent iron oxides	: 20-30% (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.