

KAM-DCA 110

Dispersion control additive for solvent-borne and solvent-free coatings and printing inks for stabilizing inorganic pigments, in particular titanium dioxide.
Strong reduction of mill-base viscosity.

Technical Specifications

Composition	:	Solution of polymeric phosphoric acid ester
Solvent(s)	:	Alkylbenzene/Methoxypropylacetate
Acid value	:	50-54 mg KOH/g
Specific gravity @ 20°C	:	ca. 1.03 g/cm ³
Flashpoint	:	42 °C
Appearance	:	Transparent yellowish liquid
Active matter	:	51-53%

Applications

KAM-DCA 110 helps to wet and disperse inorganic pigments and extenders leading to:

- Reduced dispersing time
- Higher pigment load
- Improved gloss and flow
- Elimination of haze during electrostatic application
- Reduced viscosity of the mill-base (Less viscosity reduction power compared to **KAM-DCA 610A**)

Due to its particularly good combination of price and performance, **KAM-DCA 110** is a very attractive substitute for conventional wetting and dispersing agents.

KAM-DCA 110 is recommended in:

- General industrial coatings
- Automotive OEM and refinish coatings
- Coil coating
- Acid-curable systems
- PU sanding sealers

KAM-DCA 110 should be incorporated in the mill-base before adding the pigments.
Amount of additive based upon pigment can be determined as follows:

Inorganic pigments : 5-10% (as supplied)
TiO₂/extenders : 2-4% (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.