

Dispersion Control Additive Technical Data Sheet 16/06/2023

KAM-DCA 609

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 a copolymer with acidic groups Solvent(s) : Alkylbenzene/Methoxypropylacetate

Acid value : 50-54 mg KOH/g Specific gravity @ 20°C : ca. 1.03 g/cm³

Flashpoint : 42 °C

Appearance : Transparent, slightly brownish liquid

Active matter : 52%

Applications

KAM-DCA 609 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
- Drastically reduced viscosity of the mill-base

Due to its particularly good combination of price and performance, **KAM-DCA 609** is a very attractive substitute for conventional wetting and dispersing agents.

KAM-DCA 609 is recommended in:

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

KAM-DCA 609 should be incorporated in the mill-base before adding the pigments. Amount of additive based upon pigment can be determined as follows:

Inorganic pigments : 2-8% (as supplied) TiO₂/extenders : 2-6% (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.

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The technical information and specifications contained in this data sheet are based on careful investigations and given to the best of our knowledge. Nevertheless, circumstances under which the product is used in practice are subject to many variations.

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