

KAM-DCA 671

Low molecular weight wetting and dispersing additive for solvent-based printing inks and paints as well as water-based coatings.
It helps prevent hard sedimentation and sagging.

Technical Specifications

Composition	:	Alkylol ammonium salt of a high-molecular weight carboxylic acid
Solvent(s)	:	Water
Specific gravity @ 20°C	:	ca. 1.09 g/cm ³
Acid value	:	80-100 mg KOH/g
Amine value	:	95-105 mg KOH/g
Appearance	:	Clear slightly brownish liquid
Active matter	:	51-53%

Applications

KAM-DCA 671 is suitable for both low- and high-polar solvent-based coatings and printing inks; and also for aqueous systems.

KAM-DCA 671 is effective in reducing flooding and settling in non-polar systems e.g. air-drying alkyd paints. It is an effective anti-settling agent in wash and shop primers, nitrocellulose primers, primer surfacers and aqueous stains.

KAM-DCA 671 improves the colour acceptance of tinting bases in white latex paints, resulting in higher pigment efficiency. It helps to prevent interfacial tension between the hydrophilic pigments/extenders and the binders leading to reduced dispersion times, stabilization of the pigment dispersion and decreased flooding of pigments.

When used in a formulation, **KAM-DCA 671** helps prevent hard sedimentation and sagging.

KAM-DCA 671 should be incorporated in the mill-base before adding the pigments.
Amount of additive based upon pigment can be determined as follows:

Inorganic pigments : 0.5-2.0% (as supplied)
Organic pigments : 2.5-5.0% (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.