

KAM-DCA 44

Anionic/cationic dispersion control additive to improve the wetting of pigment surfaces and organically treated bentonites and to reduce the time required for the grinding process. Standard wetting and dispersing additive for industrial and architectural coatings.

Technical Specifications

Composition	: Unsaturated polyamide and acid ester salts
Solvent(s)	: Xylene/n-butanol/Monopropyleneglycol
Specific gravity @ 20°C	: ca. 0.94 g/cm ³
Acid value	: 20-30 mg KOH/g
Amine value	: 14-20 mg KOH/g
Appearance	: Transparent brownish liquid
Active matter	: 50.5-51.5%

Applications

KAM-DCA 44 reduces the interfacial tension between pigments or extenders and the vehicle leading to:

- Effective stabilization of all kinds of pigments
- Reduced grinding times
- Decreased pigment sedimentation
- Increased gloss
- Improved flow

KAM-DCA 44 is especially recommended for architectural coatings, industrial coatings, and protective coating systems.

KAM-DCA 44 is compatible with all solvent and solvent-free coating systems. It can be used as well to provide excellent activation of organically treated bentonites.

KAM-DCA 44 should be incorporated in the mill base before adding the pigments.

Amount of additive based upon pigment can be determined as follows:

Titanium dioxide	: 0.5-1.0% (as supplied)
Inorganic pigments	: 1.0-2.0% (as supplied)
Organic pigments	: 2.0-5.0% (as supplied)
Bentonites	: 30.0-50.0% (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.