

KAM-DCA 270

Alkylphenol-free nonionic wetting agent and emulsifier.

Specially designed to improve compatibility of all kinds of tinting pastes in both solvent- and water-based systems.

Technical Specifications

Composition	: Aliphatic polyether with acidic groups
Specific gravity @ 20°C	: ca. 1.00 g/cm ³
Acid value	: 65-70 mg KOH/g
pH (10% in water)	: 1-2
Appearance	: Yellowish to brownish liquid
Active matter	: >97%

Applications

KAM-DCA 270 is a wetting and dispersing agent for organic & inorganic pigments and fillers in solvent-based, solvent-free and water-based systems. Its main use is to improve the compatibility of all kinds of tinting pastes, which are commonly used in the coating industry. It stabilizes organic and inorganic pigments and extenders in water- and solvent-based systems.

KAM-DCA 270 prevents “de-wetting” or “surfactant stripping”, flooding and floating when pigment mixtures are used in formulations.

KAM-DCA 270 is a very attractive substitute for the most widely used APE in paints, namely nonyl phenol ethoxylates.

KAM-DCA 270 can be incorporated in the mill-base before the addition of pigments/extenders or used as post additive.

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

Inorganic pigments	: 5-10% (as supplied)
Organic pigments	: 10-20% (as supplied)
Titanium dioxide	: 3-5% (as supplied)
Post-addition	: 0.5-1.5% (as supplied) on total base weight

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. 3 years from the date of manufacture. It is recommended to store **KAM-DCA 270** above 4°C as it might solidify at lower temperatures. Should this occur, **KAM-DCA 270** can be returned to a clear, fully active liquid again simply by storing at room temperature.