

KAM-DCA 150

Dispersion control additive for PVC-based plastisols for a better incorporation of inorganic pigments, blowing agents and fillers.

Increases the color strength, minimizes settling and prevents the separation of the plasticizer. Non-yellowing properties at elevated temperatures.

Technical Specifications

Composition	: Acidic polyether
Specific gravity @ 20°C	: ca. 1.06 g/cm ³
Acid value	: 90-100 mg KOH/g
Appearance	: Clear and slightly yellowish liquid
Active matter	: >95%

Applications

KAM-DCA 150 helps to wet and disperse solid particles such as TiO₂, Azodicarbonamide (Blowing agent) and ZnO in many types of plasticizers and PVC-based plastisols.

The use of **KAM-DCA 150** facilitates the incorporation of these solid particles into the paste leading to:

- Strong reduction of the viscosity of the paste or PVC-based plastisol
- Higher pigment/filler loading
- Improved flow behavior and color strength
- Homogenous distribution of the solid particles
- Reduced sedimentation and settling
- Improved storage stability

KAM-DCA 150 exhibits non-yellowing properties at elevated temperatures.

KAM-DCA 150 is suitable for filled plasticizers or PVC-based plastisols.

KAM-DCA 150 should be incorporated into the plasticizer prior to incorporating the solids. It also can be added into the finished resin system as a post-additive.

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

Inorganic pigments	: 1-3% (as supplied)
Blowing agent	: 1-2% (as supplied)
Zinc Oxide	: 1-3% (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.