

Loxanol® CA 5336

general	Loxanol® CA 5336 is a newly developed, highly efficient coalescent based on renewable resources. Loxanol® CA 5336 improves key performance properties, e.g. minimum film forming temperature, odor and emissions at usually lower dosages than other coalescents (e.g. TMB).
chemical nature	Linearic ester, based on renewable raw materials. No VOC according to 1999/13/EU and 2004/42/EU.

Properties

physical form	Colourless to slightly yellowish liquid
shelf life	To be stored best at room temperature. Do not expose to heat or frost. Storage stability in sealed containers is a minimum of 24 months. Storage at temperature below 0° C will lead to solidification. Product will not lose efficiency after warming up to room temperature.

typical properties (no supply specification)

Solidification point (ISO 3841)	~ 0°C
Density at 20°C (ISO 2811-3)	~ 0,85 g/cm ³
Flash point (DIN ISO 2592)	> 150° C
Viscosity at 20°C (EN ISO 12058-1)	~ 5 mPa·s
Boiling point (TGA)	~ 309°C

Key Performance Properties

- Good low-temperature cure of paint film
- Good color acceptance/color development
- Non-yellowing
- Non-hazardous product based on renewable raw materials
- odorless

Application

Loxanol® CA 5336 is recommended for use in Architectural Coatings, Industrial Coatings, Construction and Building Products and Graphic Arts and binders, based on styrene acrylate, pure acrylic and others.

Dosage

Typical dosage is between 0.5 to 2 percent Loxanol® CA 5336, calculated on total paint. This provides a good balance of performance and application properties. In cases of resins with higher MFT values, e.g. wood coating systems or OPVs, higher dosages may be applied.

We recommend determining the optimum level of Loxanol® CA 5336 to achieve the desirable performance.

The optimum level can be determined by measuring the minimum film formation temperature (MFFT) at various dosages

Safety

When handling these products, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

® = registered trademark, ™ = trademark of BASF Group, unless otherwise noted

BASF SE
Formulation Additives
67056 Ludwigshafen, Germany
www.dispersions-pigments.basf.com
formulation-additives-europe@basf.com
formulation-additives-asia@basf.com
formulation-additives-nafta@basf.com
formulation-additives-south-america@basf.com