

CLiQFLOW® LED

Rheological Additive

CLiQFLOW LED is an organically modified bentonite clay-based rheological additive. The easy-to-disperse organoclay is recommended for low- to medium- polar non-aqueous systems used, for example, in the adhesives, coatings, or ink industry.

CLiQFLOW LED provides a controlled shear-thinning flow behaviour to non-aqueous formulations. It improves storage stability, like anti-settling behaviour and provides excellent sag resistance.

CLiQFLOW LED is easier to disperse than standard organoclays. It allows a more flexible production setup and is designed for direct incorporation into the pigment and extender grinding stage.

Typical values:

Appearance:	creme-beige powder
Moisture:	< 3%
Density:	ca 1.7 g/cm ³

Level of Use / Incorporation:

CLiQFLOW LED is best dispersed with pigments and extenders to achieve the required clay delamination. The use of a polar activator is not necessarily required but might be beneficial depending on the production conditions.

CLiQFLOW LED can also be incorporated into the final formulation using a standard activated pre-gel with a concentration of 5-10% by weight.

The required loading level depends strongly on the system and performance requirements. A starting level of 0.2 – 0.5% is recommended.

CLiQFLOW LED should be stored in a cool dry place. The minimum shelf life is 48 months when stored in unopened original packages.

For information on health and safety information, please consult the Material Safety Data Sheet.

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This information is based to best of our knowledge and on test results obtained in our laboratory. It is given in good faith and should only regard as recommendations. No warranty is given, and it is advised to all users to evaluate the products carefully for their intended use. Please also consider all further information, labels, and especially the safety data sheet! For further questions, technical service, and samples, please feel free to contact us.

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