

CLiQFLOW® LP

Rheological Additive

CLiQFLOW LP is an organically modified bentonite clay based rheological additive. The organoclay requires a high shear activation process and is recommended for low- to medium polar non-aqueous systems used for example in the adhesives, coatings or ink industry.

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

CLiQFLOW LP requires high activation shear-forces and is typically processed through a pre-gel preparation stage.

Typical values:

Appearance:	creme-beige powder
Moisture:	Less 3%
Density:	Ca 1.7 g/cm ³

Level of Use / Incorporation:

CLiQFLOW LP is best incorporated using a pre-gel intermediate. A concentration of 10% by weight and the use a polar activator is recommended, e.g.

- ethanol / water (9:1), 30 wt% on o'clay
- methanol / water (9:1), 30 wt% on o'clay
- acetone / water (9:1), 60wt% on o'clay
- propylene carbonate, 30wt% on o'clay

For a low pre-gel viscosities it is suggested to use CLiQSPERSE® CA as activator

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

CLiQFLOW LP should be stored in a cool dry place.

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 consider also 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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