

CLiQFLOW® MMC

Rheological Additive

CLiQFLOW MMC is an organically modified phyllosilicate-based rheological additive for non-aqueous conventional to solvent-free systems. The additive consists of an open phyllosilicate structure, which does not necessarily require high shear processing or solvents for complete delamination and activation.

CLiQFLOW MMC provides a controlled thixotropic flow behaviour to non-aqueous formulations and improves storage stability, prevents pigment settling, and offers excellent sag resistance. It imparts rheology to a wide range of system polarities and is particularly recommended for solvent-free epoxy and polyurethane systems, thermosets based on unsaturated polyester resins, as well as PVC-plastisols.

Typical values:

Appearance:	creme-beige powder
Moisture:	< 3%
Bulk density:	130 kg/m ³

Level of Use / Incorporation:

CLiQFLOW MMC can be incorporated directly into the mill-base or grinding process. Pre-gel preparation is recommended for systems where insufficient shear forces are available. Pre-gels with concentration of approx. 15% show a rather low viscosity and can still be pumped easily. A polar activator might be beneficial.

The required loading level of **CLiQFLOW MMC** depends strongly on the nature of the system and performance requirements and should be evaluated in a loading ladder study. A starting level of 0.5 – 1.0% is recommended.

CLiQFLOW MMC should be stored in a cool dry place. The minimum shelf life is 60 months when stored in unopened original packages.

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

CLiQ SwissTech AG
Bahnhofstrasse 3
7320 Sargans
Switzerland

CLiQ SwissTech (Deutschland) GmbH
Bertram-Blank-Strasse 8A
51427 Bergisch Gladbach
Germany

CLiQ SwissTech (Netherlands) B.V.
Blauwborgje 31
9747AC Groningen
The Netherlands

sample@cliqswiss.com · info@cliqswiss.com

www.cliqswiss.com

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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