

CLiQFLOW® 780

Rheological Additive

CLiQFLOW 780 is a highly efficient liquid and easy to incorporate rheological additive for solvent-borne and solvent-free systems. The modified urea is free of Lithium salts (e.g., LiCl) and CMR substances, aligning with future regulations.

CLiQFLOW 780 imparts a thixotropic, strongly shear-thinning flow behaviour to non-aqueous systems. It provides excellent anti-settling behaviour, sag resistance, and superior levelling properties. Being free of salts, it will also not negatively impact corrosion properties of coating systems.

CLiQFLOW 780 can be used alone or combined with other rheological additives to modify the required flow properties. The liquid additive is easy to use and can be added to the system post-production, ensuring proper mixing for homogeneous distribution.

Typical values:

Appearance:	clear amber liquid
Diluent:	N-Butylbutyrolactam
Solids content:	ca. 40 %
Density (20°C):	ca. 1.07 g/ml
Brookfield Viscosity:	< 500 mPa.s

Level of Use / Incorporation:

CLiQFLOW 780 is typically used at loadings between 0.1-2.0%, depending on the required properties.

For anti-settling and storage stability, a loading of maximum 0.5% is typically sufficient. To prevent sagging, a higher dosage might be required. The optimum loading level should be determined for each system using a loading ladder study.

For optimum activation, the material is added while mixing or dispersion to allow a homogeneous distribution of the rheological additive.

CLiQFLOW 780 is sensitive to moisture. It should be stored in a cool dry place. The minimum shelf life is 12 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.