

CLiQSPERSE® PA

Wetting & Dispersing Agent

CLiQSPERSE PA is a solvent-free acidic co-polymer-based dispersing agent for non-aqueous and solvent-free systems. The dispersant is applied in unsaturated polyester closed mould and pultrusion applications to disperse and stabilize inorganic pigments and extenders.

CLiQSPERSE PA significantly reduces the viscosity of filled unsaturated polyester-based SMC, BMC, and pultrusion systems. This allows an extremely high extender load, which is particularly important in systems where substantial amounts of aluminium trihydrate are used to achieve the required flame retardancy.

CLiQSPERSE PA also improves glass fibre wetting due to the low viscosity achieved in a filled unsaturated polyester system.

Typical values:

Appearance:	yellowish liquid
Active content:	100 %
Density:	ca. 1.16 g/cm ³
Brookfield viscosity:	< 2500 mPas
Solvents:	none

Level of Use / Incorporation:

CLiQSPERSE PA is best mixed with binders and/or solvents prior to pigment or extender addition.

The optimum loading level of **CLiQSPERSE PA** should be determined for each system using a loading ladder study.

A loading level between 0.5 - 2.0% on total is typically needed to achieve the required viscosity reduction in calcium carbonate or aluminium trihydrate filled systems.

CLiQSPERSE PA storage at lower temperatures may cause cloudiness in the product. It is recommended to heat the product to max 40°C and mix properly. This does not impact the product performance. The minimum shelf life is 36 months when stored in unopened 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.