

CLiQSPERSE® PF

Wetting and Dispersing Agent

CLiQSPERSE PF is a high molecular weight pigment wetting and dispersing agent for unsaturated polyester resin-based applications such as SMC, BMC, pultrusion and gelcoats.

CLiQSPERSE PF maximises and homogenises colour strength in all kinds of pigmented unsaturated polyester applications. It prevents re-flocculation and stabilizes pigments particularly in gelcoats.

CLiQSPERSE PF also provides better glass fibre wetting and improves stability of polymer modified unsaturated polyester systems (LS-formulations).

Typical values:

Appearance:	Yellowish liquid
Solids content:	ca. 45%
Brookfield viscosity:	ca. 1500 mPas
Density (20°C):	1.0 g/cm ³

Level of Use / Incorporation:

CLiQSPERSE PF is best dissolved in resin/solvents prior to pigment addition.

The optimum loading level should be determined for each system using a loading ladder study. For organic pigments and carbon black, a level between 35-100% based on pigment are recommended as a starting point. A loading between 0.3-1.0 % is typically required to improve stability or glass fibre wetting markedly.

CLiQSPERSE PF may get cloudy at low temperature storage. It is recommended to heat the material to 20°C and mix properly. This does not impact the product performance. The minimum shelf life is 60 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.