

CLiQSPERSE® PD-3 (LP 2317-1)

Dispersing & Wetting Agent

CLiQSPERSE PD-3 is a 100% active solvent-free acidic co-polymer-based dispersing agent for non-aqueous & solvent-free industrial coating systems as well as in unsaturated polyester closed-mould applications. The highly efficient dispersant provides steric stabilisation to all kinds of inorganic pigments and extenders.

CLiQSPERSE PD-3 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-retardant properties.

Typical values:

Appearance:	yellowish liquid
Active content:	> 97 %
Density:	1.12 g/cm ³
Viscosity:	< 250 mPas

Level of Use / Incorporation:

CLiQSPERSE PD-3 is best mixed with resins/binders and/or solvents prior to pigment or extender addition.

The optimum loading level of **CLiQSPERSE PD-3** should be determined for each system using a loading ladder study.

A loading level between 0.25 - 2.5% on total is typically needed to achieve the optimum performance with the dispersing agent.

CLiQSPERSE PD-3 performance is not impacted by freezing, although, for ease of handling, it is recommended to store in a cool dry place above 5°C. Storage at lower temperatures may cause cloudiness in the product. It is recommended to heat the product to max 40°C. 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.

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