

CLiQSPERSE® 100 BR

Dispersing Agent / Spacer

CLiQSPERSE 100 BR is a stable low viscous dispersion of ultra fine barium sulphate in water. The additive is made from electrosterically stabilized ultra fine barium sulphate particles used as spacer to stabilize pigments in aqueous binder-free and binder containing concentrates.

CLiQSPERSE 100 BR is best combined with a wetting and dispersing agent to achieve maximum performance and stability. The additive acts as spacer during grinding reducing milling time and during storage to allow superior pigment concentrate stability.

CLiQSPERSE 100 BR improves colour development and compatibility with most organic and carbon black pigments. It provides excellent colour and transparency performance to high jet black pigments. The additive has a high pH tolerance from 4-11 and a high salt resistance.

Typical values:

Appearance:	opaque liquid
Solids Content:	ca. 35%
pH-value:	6 - 9
Viscosity:	ca. 15000 mPa.s
Particle size:	100 – 200 nm

Level of Use / Incorporation:

CLiQSPERSE 100 BR should be added to the millbase prior to pigment addition.

A loading level of 20-40% active barium sulfate on pigment solids is typically used to achieve the desired performance. The optimum loading level of the dispersion and the wetting and dispersing agent should be determined in a loading ladder study.

CLiQSPERSE 100 BR should be stored in a cool dry place above 5°C. Freezing needs to be avoided.

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.