



dolomite



FluoSurf for particle & droplet stabilization

Dolomite partnered with Emulseo to release FluoSurf - a high-performance continuous phase, specifically formulated to stabilize aqueous droplets in microfluidic systems. It is a block copolymer that stabilises emulsions due to its ambiphilic polymer blocks, that allow it to stabilise the interface between aqueous and fluorinated solutions.

Key benefits:

- Compatibility with a broad range of reagents in the droplet phase, that would disrupt the stability of emulsions formed with traditional stabilizers
- Formation of highly stable emulsions, that can be readily broken when desired
- Creation of a broad range of monodisperse droplet sizes
- Fast droplet formation rate

Suitable applications:

- Live cell research
- DNA amplification
- Reaction kinetics research
- Cell and microorganism sorting
- Protein crystallization
- Directed evolution
- Alginate Beads
- Polyacrylamide Beads
- Epoxy Beads
- Polyacrylate beads
- Agarose Beads

Find it in our webshop or contact us at dolomite-microfluidics.com if you wish to discuss how it may assist your research.