

# CLiQ



## **CLiQSPERSE®** **CLiQSMART®**

**Unsaturated Polyester  
Applications**

**Product Overview**

**CLiQSPERSE® wetting and dispersing** agents for unsaturated polyester applications to improve filler loading, glassfibre wetting and colour stability

CLiQSPERSE	Product Chemistry	Application	Features
<b>PA</b>	acidic co-polymer, 100% active	closed mould (e.g. SMC, BMC, Pultrusion)	strongly reduces viscosity with fillers and aluminium trihydrate, improves fibre wetting
<b>PB</b>	acidic co-polymer, 55% active in MPA/ aromatic hydrocarbon	closed mould (e.g. SMC, BMC, Pultrusion)	strongly reduces viscosity with fillers and aluminium trihydrate, improves fibre wetting
<b>PF</b>	high molecular weight dispersant, 45% active in xylene / MPA	closed mould applications, gel-coats, pigment concentrates	improves colour stability and homogeneity, improves fibre wetting
<b>PM</b>	salt of polycarbonic acid with polyamide, 80% active in butylglycol	ambient cured systems	strongly reduces viscosity with fillers and aluminium trihydrate, improves fibre wetting

**CLiQSMART® defoamer** for unsaturated polyester applications to improve air release and defoaming during processing and application

CLiQSMART	Product Chemistry	Application	Features
<b>EP PD-10</b>	silicone-free polymeric defoamer in aromatic hydrocarbon	all kind of unsaturated polyester systems	excellent air release properties in ambient cured systems
<b>EP PD-20</b>	silicone modified polymeric defoamer in aromatic hydrocarbon	ambient cured UP systems	highly efficient with broad system compatibility
<b>EP PD-30</b>	silicone-free polymeric defoamer in aromatic hydrocarbon	all kind of unsaturated polyester systems	excellent air release properties in all kind of application methods
<b>EP AP-1</b>	silicone-free polymeric defoamer in hydrocarbons	ambient cured UP systems, pultrusion, gel-coats	excellent air release properties in high viscous systems

CLiQ SwissTech

This information is based on 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 consider also all further information, labels, and especially the safety data sheet! For further questions, technical service and samples, please feel free to contact us.