

CLiQSMART® MR-1 (LP 1608-1)

Processing Aid

CLiQSMART MR-1 is a processing additive for LS-SMC and BMC unsaturated polyester formulations. The additive stabilizes either LS-SMC or BMC compound and improves flow behaviour of the compound during moulding and the mould release properties.

CLiQSMART MR-1 improves the surface quality of the moulded LS-SMC or BMC part. It further improves colour strength, colour homogeneity and reduces surface defects due to system shrinkage.

CLiQSMART MR-1 replaces all traditional release agents such as Zn- or Ca-stearate.

Typical values:

Appearance: clear brown liquid
 Solids content: ca. 98 %
 Density: ca 0.96 g/cm³

Level of Use / Incorporation:

CLiQSMART MR-1 is typically added at loadings between 3-4% based on resin. A loading ladder study is suggested to establish the optimum dosage level.

CLiQSMART MR-1 is best added to the homogenised-UP resin / LS component blend. A slightly higher MgO level might be required to achieve a comparable thickening effect due to the absence of Zn- or Ca-Stearate.

CLiQSMART MR-1 should be stored in a cool dry place. The minimum shelf life is 24 months when stored in unopened original packages.

For information on health and safety information, please consult the Material Safety Data Sheet.

CLiQ SwissTech AG
 Bahnhofstrasse 3
 7320 Sargans
 Switzerland

CLiQ SwissTech (Deutschland) GmbH
 Bertram-Blank-Strasse 8A
 51427 Bergisch Gladbach
 Germany

CLiQ SwissTech (Netherlands) B.V.
 Zernikepark 6-8
 9747AN Groningen
 The Netherlands

sample@cliqswiss.com · info@cliqswiss.com

www.cliqswiss.com

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.