

Product Data Sheet

December 2006

E-Pos 542

Product description

E-Pos 542 is a low viscosity epoxy resin which is based on bisphenol A and bisphenol F and which is diluted with an epoxidised alcohol reactive diluent.

Product characteristics

Viscosity @ 25°C	(mPa.s)	:	400 – 700
Gardner color		:	1 max
Solids content	(% m/m)	:	100
Specific gravity @ 20°C	(g/cm ³)	:	1.12
Epoxy equivalent weight	(g/mol)	:	185 – 205

Product applications

E-Pos 542 epoxy resin is used at room temperature in combination with amine-based curing agents in the formulation of two-component systems.

E-Pos 542 resists to crystallization during storage.

The low viscosity of the resin allows high pigment and/or filler loadings and systems based on **E-Pos 542** show excellent compatibility with a variety of components. For these reasons, that resin is ideal for use in various civil engineering applications such as self-leveling and trowellable floorings, mortars as well as in the formulation of solventfree or high-solids coatings and also in adhesives.