

E-Pos 542

Epoxy; Epoxide

Epocat Nederland BV

Message:

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 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.

General Information		
Features	Low Viscosity	
Uses	Adhesives	
	Coating Applications	
	Flooring	
Agency Ratings	EC 1907/2006 (REACH)	
Physical	Nominal Value	
Gardner Color	< 1.00	
Epoxy Equivalent	185 to 205	g/mol
Uncured Properties	Nominal Value	Unit
Solids Content	100	%
Density (20°C)	1.12	g/cm ³
Viscosity (25°C)	0.40 to 0.70	Pa · s

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