

E-Pos 674X90

Epoxy; Epoxide

Epocat Nederland BV

Message:

E-Pos 674X90 is a semi-solid modified bisphenol A-based epoxy resin in xylene solution (90% m/m resin in xylene). E-Pos 674X90 has been developed for use in high-solids applications and is characterized by a high degree of flexibility and a reduced solution viscosity.

Product applications

E-Pos 674X90 is used at room temperature in combination with amine-based curing agents in the formulation of two-component systems. This resin has specifically been developed for use in high-solids coatings for metal or concrete protection. E-Pos 674X90 enables the formulation of anticorrosive paints with a solids content of up to 85% m/m at application viscosity. Compared to solventborne resins, E-Pos 674X90 has a low solution viscosity, allowing for high pigment and/or filler loading, and exhibits excellent flexibility and impact resistance. This combination renders this resin ideal for use in metal primers as well as in protective top-coats.

General Information		
Features	Good Flexibility	
	Good Impact Resistance	
Uses	Coating Applications	
	Paint	
Agency Ratings	EC 1907/2006 (REACH)	
Physical	Nominal Value	
Gardner Color	< 3.00	
Epoxy Equivalent - on solids	250 to 270	g/mol
Uncured Properties	Nominal Value	Unit
Solids Content	90	%
Density (20°C)	1.10	g/cm ³
Viscosity (25°C)	2.0 to 4.0	Pa · s

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