

E-Pos 941

Epoxy; Epoxide

Epocat Nederland BV

Message:

E-Pos 941 is a cycloaliphatic epoxy resin for heat cure applications, which can be cured with carboxylic acid anhydrides, with or without catalyst, to produce systems for electrical applications, in particular for outdoor use.

Product applications

E-Pos 941 is used in solventfree systems for the preparation of electrical elements, in particular for outdoor applications with exposition to severe climate conditions. This heat curing product has also been developed for metal insulation, casting of electrical insulators, transformers insulation, etc.

The resin shows an excellent arc resistance and outstanding mechanical, thermal and electrical properties.

The system should be cured in an oven, under vacuum, at a temperature of typically 70°C to 100°C, but which can go up to 140°C-150°C.

General Information		
Features	Arc Resistant	
	Good Electrical Properties	
	Heat Cure	
Uses	Electrical/Electronic Applications	
	Insulation	
	Outdoor Applications	
Agency Ratings	EC 1907/2006 (REACH)	
Appearance	Clear/Transparent	
Additional Information	Nominal Value	Unit
Epoxy Equivalent	159 to 182	g/mol
Uncured Properties	Nominal Value	Unit
Solids Content	100	%
Density	1.20 to 1.25	g/cm ³
Viscosity (25°C)	0.50 to 1.1	Pa · s

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