

Technical Information

CeTePox 100 R

Characteristics

Liquid bisphenol-A epoxy resin

Properties and Fields of application

CeTePox 100 R is a general purpose ,widely used liquid standard type resin,which can be used as a binder in various applications in the field of amine-curing epoxy systems.

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
Specification	Viscosity at 25 °C	10-12 Pas	DIN 53 214
	At 23 °C	14-17 Pas	DIN 53 214
	EP-Value	0,52 -0,55 mol/100g	DIN 53 188
	Epoxy Equiv. Weight	182-192 g/eq.	calculated
	Colour	max. 3	Gardner, ISO 4630
	Chlorine content	max. 0,3%	ISO 4615
	ECH content	max. 5 ppm	

Storage

At room temperature in originally packed units the shelf life is at least 12 months. Especially on extended storage at lower temperatures, crystallisation can not be excluded storage. By cautious warming at temperatures of 60 to 80 °C a possible crystallisation can be eliminated without any impairment of quality.

Remarks with Regard to Safety at Work

Uncured liquid epoxy resins are capable of causing sensitization of skin but may be used without undue risk provided the resins are handled with care according to suggested procedures, like the regulations e.g.of the "Berufsgenossenschaft der Chemischen Industrie" (e.g. data sheet M 023 polyester and epoxy resins).
Classification according EU-regulations:
Xi, N "Irritant, Dangerous for the environment"

The indications given in this technical information are based on thoroughly executed tests and are to give reference to the user. However, they are non-binding as we cannot take over any res-ponsibility, also related to possible protective rights of third parties, due to the variety of treatment and application.

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