

Technical Information

CeTePox 1312 H

Characteristics modified cycloaliphatic polyamine

Properties and Fields of application *CeTePox 1312 H* is preferably used in combination with suitable epoxy resin formulations for solvent-free systems. Main fields of application are superior quality coatings and resin-mortars with high chemical resistance.

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
Specification	Viscosity at 23 °C	85-115 sec appr. 440 mPas	DIN 53 211, 4 mm cup DIN 53 214
	Density at 23 °C	1,03 g/cm ³	DIN 53 217, T3
	Colour Index	< 2	Gardner, ISO 4630
Characteristic Data	H*-Equivalent Weight	115 g/eq.	calculated
	Solids Content	100 %	
	Flash Point	>100 °C	DIN-ISO 3679
System Properties with <i>CeTePox 152 R</i>	Rec. Amount Hardener	66 g	per 100 g
	Initial Viscosity	appr. 140 sec appr. 650 mPas	DIN 53 211, 4 mm cup DIN 53 214
	Pot-life	appr. 26 min	from 23 to 40 °C for 100 ml
	Min. Curing Temp.	appr. 8 °C	
	Shore D	82	ISO 868-1985
	Tensile Strength	43 MPa	DIN 53 455
	Flex. Tensile Strength	64 MPa	DIN 53 452
	Elongation at Break	4 %	DIN 53 455
	E-Modulus	1900 MPa	DIN 53 455

Storage At room temperature in originally packed units the shelf-life is at least 12 months.

Remarks with Regard to Occupational Safety When working with epoxy resins and hardeners, the regulations of the "Berufsgenossenschaft der Chemischen Industrie" have to be considered (e.g. data sheet M 023 polyester and epoxy resins). Classification according EC-legislation: C; "corrosive".

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 responsibility, also related to possible protective rights of third parties, due to the variety of treatment and application.

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