Technical Information

CeTePox 1393 H

Characteristics

modified cycloaliphatic polyamine

Properties and Fields of Application

CeTePox 1393 H is preferably used in combination with suitable epoxy resin formulations for solvent-free systems. Main field of application are primers and coatings with good curing at tem peratures to 8 °C; even after short curing times the coatings are insensitive to water.

	Property	*Value*	*Method of Determination*
Specification	Viscosity at 23 °C	40-60 sec	DIN 53 211, 4 mm
		appr. 190 mPas	DIN 53 214
	Density at 23 °C	1.03 g/cm³	DIN 53 217,T3
	Colour Index	< 2	Gardner, ISO 4630
Characteristic Data	H*-Equivalent Weight	93 g/eq.	calculated
	Solids Content	100 %	
	Flash Point	>100 °C	DIN-ISO 3679
System Properties	Rec. Amount Hardener	53.5 g	per 100 g
with *CeTePox* 152 R	Initial Viscosity	appr. 105 sec	DIN 53 211, 4 mm
		appr. 450 mPas	DIN 53 214
	Pot-life	appr. 23 min	from 23 to 40 °C for 100 ml
	min. Curing Temp.	appr. 8 °C	
	Shore D	81	ISO 868-1985
	Tensile Strength	appr. 60 MPa	DIN 53 455
	Flex. Tensile Strength	appr. 95 MPa	DIN 53 452
	Elongation at Break	appr. 4%	DIN 53 455
	E-Modulus	appr. 3000 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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