

## Technical Information

# CeTePox 1393-02 H

**Characteristics** accelerated modified cycloaliphatic polyamine

**Properties and Fields of Application** *CeTePox* 1393-02 H is preferably used in combination with suited epoxy resin formulations for solvent-free epoxy systems. Main field of application is the formulation of primers and coatings with good through-curing at temperatures down to + 8 °C. Even after short curing periods the respective coatings are resistant against water.

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
<b>Specification</b>	Viscosity @ 23 °C	appr. 85 sec appr. 400 mPas	DIN 53 211, cup 4 mm DIN 53 214
	Density @ 23 °C	1.06 g/cm <sup>3</sup>	DIN 53 217,T3
	Colour Index	< 2	Gardner
<b>Characteristical Data</b>	H*-Equivalent Weight	93	
	Solid Content	100 %	
	Flash Point	>100 °C	DIN-ISO 3679
<b>System Properties</b> with <i>CeTePox</i> 152 R	rec. hardener amount	53.5 g	per 100 g
	Initial Viscosity	appr. 160 sec appr. 700 mPas	DIN 53 211, cup 4 mm DIN 53214
	Pot-life	appr. 15 min	from 23 to 40°C w. 100 ml
	min. Curing Temp.	appr. 8 °C	
	Shore-D Hardness	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. 3 GPa	DIN 53 455

**Storage** At room temperature the shelf life of the original packed material is at least 12 months.

**Remarks with Regard to Occupational Safety** 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 procedure, 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: C "corrosive"

*The indications given in this technical information are based on thoroughly executed tests and are to give advice 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.*