

Technical Information

CeTePox 1976 H

Characteristics

formulated polyether-polyamine

Properties and Fields of Application

CeTePox 1976 H is preferably used in combination with suitable epoxy resins for flexible, solvent-free epoxy systems. Such combinations present a high degree of flexibility, even at temperatures as low as – 10 °C. Fields of application of this relatively low-viscous hardener therefore are tough-elastic resp. impact-elastic coatings, crack-bridging membranes or liquid foils, e.g. for sealants.

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
Specification	Viscosity at 25 °C	800 – 1.600 mPa.s	DIN EN ISO 3219
	Amine Number	160 -190 mgKOH/g	CTP-TS 31-97
	Appearance	clear liquid	visually
	Colour Index	max. 6	Gardner, ISO 4630
	Density at 23 °C	0,97 g/cm ³	ISO 2811-2
Characteristical Data	Active-H Equiv. Wt.	250 g/Eq.	calculated
	Solid Content	100 %	
	Flash Point	112 °C	DIN-ISO 3679
System Properties with <i>CeTePox</i> 245 R	Rec. Amount Hardener	110 g	per 100 g
	Initial Viscosity	appr. 1.500 mPa.s	DIN EN ISO 3219
	Pot-life	appr. 25 min	v. 23 -> 40 °C, 100 ml
	Shore D a. 7 d at r.t.	40	ISO 868
	Min. Curing Temp.	12 °C	

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-guidelines:

C, N "Corrosive, 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 can not take over any responsibility, also related to possible protective rights of third parties, due to the variety of treatments and applications.

TI 1976 H / E 03-05 / V 01