

Technical Information

CeTePox 1410 H

Characteristics

modified, heterocyclic polyamine

Properties and Fields of Applications

CeTePox 1410 H is preferably used in combination with suited epoxy resin formulations for solvent-free epoxy systems. Main fields of application is the manufacturing of fast-curing mortar-coatings, adhesives, putties and the application in tar-epoxy-systems.

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
Specification	Viscosity @ 23 °C	appr. 550 mPas 77 – 107 s	DIN 53 214 DIN 53 211, 4 mm cup
	Density @ 23 °C	0.97 g/cm ³	DIN 53 217,T3
	Colour	< 3	Gardner, ISO 4630
	Characteristic Data	H*-Equivalent Weight	95 g/eq.
	Solid Content	100 %	
	Flash Point	>100 °C	DIN-ISO 3679
System Properties with <i>CeTePox</i> 152 R	rec.hardener quantity	55 g	per 100 g
	Initial Viscosity @ 23 °C	appr. 650 mPas appr. 140 sec.	DIN 53 214 DIN 53 211, 4 mm cup
	Pot-Life	appr. 6 min	from 23 to 40 °C w. 100 ml
	min. Curing Temp.	appr. 5 °C	
	Shore D Hardness	84	ISO 868-1985
	Tensile Strength	62 MPa	DIN 53 455
	Flex. Tensile Strength	56 MPa	DIN 53 452
	Elongation at Break	4 %	DIN 53 455
	E-Modulus	2300 MPa	DIN 53 455

Storage

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

Remarks with Regard to Safety at Work

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

TI 1410/E 11-01/V 04