Technical Information

CeTePox 1693 H

Characteristics

Mannich-base, phenol-free

Pproperties and Fields of Application

CeTePox 1693 H is preferably used in combination with suitable epoxy resin formulations for solvent-free systems. Main field of application is the manufacturing of chemical-resistant coatings. Suitable for the acceleration of low-reactive systems, e.g. for adhesives, filling compounds, tar-epoxy-combinations, etc.

	Property	*Value*	*Method of Determination*
Specification	Viscosity at 25 °C	1150-1500 mPas	DIN EN ISO 3219
	at 23 °C	appr. 31 s	DIN 53 211, 8 mm
	Density at 23 °C	1,04 g/cm³	ISO 2811-2
	Colour Index	< 4	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. 1000 mPas	DIN EN ISO 3219
		15-23 s	DIN 53 211, 8 mm
	Pot Life	appr. 10 min	from 23 to 40°C for 100 ml
	Min. Curing Temp.	appr. 5 °C	
	Shore D	85	ISO 868-1985
	Tensile Strength	70 MPa	DIN 53 455
	Flex. Tensile Strength	110 MPa	DIN 53 452
	Elongation at Break	4 %	DIN 53 455
	E-Modulus	2400 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 to EC-guidelines:
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 appli-cation.

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