

Preliminary Technical Information

CeTePox VP 343-1 H

Characteristics

modified aliphatic polyamine, solvent-free

Properties and Fields of Applications

CeTePox VP 343 H is preferably used in combination with suited epoxy resin formulations for solvent-free epoxy systems. Typical features of this hardener are low viscosity and high reactivity.

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
Specification	Viscosity @ 23 °C	appr. 13 s appr. 20 mPas	DIN 53 211, 4 mm DIN EN ISO 3219
	Density @ 23 °C	0.91 g/cm ³	DIN 53 217, T 3
	Colour Index	max. 2	Gardner, ISO 4630
	Amine Number	appr. 600 mgKOH/g	CTP-TS 31-97
Characteristic Data	H*-Equivalent Weight	55 g/eq.	empirically
	Solid Content	100 %	
	Flash Point	>130 °C	DIN-ISO 3679
System Properties with CeTePox 152 R	Rec. Amount Hardener	31 g	per 100 g
	Initial Viscosity @ 23 °C	appr. 55 s appr. 250 mPas	DIN 53 211, 8 mm DIN EN ISO 3219
	Pot-Life	appr. 8 min	fr. 23 to 40°C w. 100 ml
	Min. Curing Temp.	appr. 10 °C	
	Shore-D Hardness	appr. 80	ISO 868-1985

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

TI VP 343 H / E 05-02 / V00