

Technical Information

CeTePox 680 FM

Characteristics Modified, medium-viscous ether-urethane-polymer with blocked, amine curable isocyanate groups; solvent-free.

Properties and Fields of Application In the corresponding formulations, *CeTePox* 680 FM results in tough-hard to highly elastic products. Due to the amine crosslinking of *CeTePox* 680 FM, the elastifying properties of polyurethanes can be linked with the known robust characteristics of epoxy resins. *CeTePox* 680 FM is added to the resin component; during the crosslinking with suitable amine hardeners, *CeTePox* 680 FM is built-in in the epoxy resin matrix. Main fields of application are coatings for the protection of concrete and steel as well as elastic pouring compounds and sealants.

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
Specification	Viscosity at 23 °C	9,000-15,000 mPas	DIN 53 214
	Density at 23 °C	1,02 g/cm ³	DIN 53 217, T 3
	Epoxy Equiv. Weigth	appr. 1100 g/eq.	empirical
	NCO-Content(blocked)	appr. 2,1 %	
	Flash Point	>180 °C	DIN-ISO 3679

Storage At room temperature in originally packed units the shelf-life is at least 6 months. Extended storage at higher temperatures leads to polymer-formation, thus increasing the product viscosity.

Remarks with Regard to Occupational Safety The usual precautionary measurements for the handling of chemicals have to be observed. 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 GefStoffV: Not Classified

The product is no dangerous material in the sense of corresponding EG-regulations. It is no dangerous transport material.

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 application.

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