

Technical Information

CeTePox 650 FM

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

Properties and Fields of Application *CeTePox* 650 FM is a polyether-urethane based flexibilising agent which is used in ambient curing epoxy systems for tough-hard to highly elastic coatings. *CeTePox* 650 FM is added to the resin component; during the cross-linking with amine hardeners like (e.g. *CeTePox* 1214 H), *CeTePox* 650 FM is built into the epoxy resin matrix, thus introducing the elastic properties of the polyurethane. The main field of application are surface protection coatings for parking decks and traffic areas, where good crack-bridging properties, even at low temperatures, and also high resistance to abrasion and wear are necessary (e.g. acc. to German guideline DAfStb OS 13).

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
Specification	Viscosity at 23 °C	appr. 3,000 mPa*s	DIN 53 214
	Density at 23 °C	appr. 1.00 g/cm ³	DIN 53 217, T 3
	NCO-Content (blocked)	appr. 1.05 %	
	Epoxy-Equiv. Weight	appr. 1,800 g/eq.	empirical
	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 viscosity of the product.

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 EC-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 re-sponsibility, also related to possible protective rights of third parties, due to the variety of treatment and application.

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