

Technical Information

CeTePox 691 FM

Characteristics

Medium-viscous ether-urethane-polymer with blocked, amine curable isocyanate groups; solvent-free; modified with dioctyl adipate.

Properties and of Application

Usage of *CeTePox* 691 FM in corresponding formulations gives **Fields** tough-hard to highly elastic products. Due to the amine crosslinking of *CeTePox* 691 FM, the elastifying properties of polyurethanes can be linked with the known robust characteristics of epoxy resins. *CeTePox* 691 FM is added to the resin component; during the cross-linking with suitable amine hardeners, *CeTePox* 691 FM is built-in in the epoxy resin matrix.

	<i>Property</i>	<i>Value</i>	<i>Method of Determination</i>
Specification	Viscosity at 23 °C	33,000-38,000 mPas	DIN 53 214
	Density at 23 °C	1.03 g/cm ³	DIN 53 2177, T 3
	NCO-Content (blocked)	appr. 2,35 %	
	Epoxy-Equiv. Weight	appr. 1000 g/eq.	empirical
	Flash point	>190 °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 a 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 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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