



Preliminary Technical Data Sheet

CeTePox[®] AM 3661 A/B

Characteristics Flame stop barrier gel coat

Properties and Fields of Application

CeTePox[®] AM 3661 A/B is a highly filled epoxy gel coat for flame retardant applications. This system can be used as a gel coat (directly applied in the mould) or as a top coat (coating of finished laminate). It has a comfortable processing time of min. 2-3 hours at room temperature (depending on mixed quantity).

Component A should be homogenized by stirring thoroughly (preheating is recommended) before adding component B and accurate mixing of both components.

The gel coat can be applied by brush or roller in variable layer thickness, typical values are 0,5 to 1 mm. Viscosity can be decreased by heating to 40-60 °C to make spray application possible.

Minimum post curing conditions are 50 °C for 6 h.

With this gel coat the produced part will be able to pass the following fire test standards: ASTM E 84, DIN 5510, IMO FTP 3

	<i>Property</i>	<i>Unit</i>	<i>Comp A</i>	<i>Comp B</i>
Typical Data	Viscosity @ 25 °C	mPas	paste	5 - 20
	Viscosity @ 60 °C	Pas	20 - 22	-
	EEW	g/equiv.	480 +/- 20	-
	Amine equivalent	g/equiv.	-	47
	Density @ 20 °C	g/cm ³	1,50-1,70	0,92-0,94
	Colour		white	blue
Mixing Ratio	Parts by Weight	pbw	100	8
System Properties	Viscosity of Mixture @ 25 °C	Pas	28 - 32	
	Viscosity of Mixture @ 40 °C	Pas	20 -24	
	Viscosity of Mixture @ 60 °C	Pas	8 - 10	
Properties of cured mixture	T _G (DSC, 6h 80 °C)	°C	> 80	
	Shore-D after 24 h at 23 °C		> 80	

Shelf Life & Storage

Store this material in a clean, dry environment in its tightly closed original container. These products are not considered especially temperature or moisture sensitive, but should ideally be stored at temperatures between 18-25°C and kept from moisture contamination. If the recommended storage conditions are observed the products will have a minimum shelf-life of 12 months from the date of shipment.

Remarks with Regard to Occupational Safety

Mandatory and recommended industrial hygiene procedures should be followed whenever these products are being handled and processed. For additional information please consult the corresponding material safety sheet.

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