

**Description:**

CM-Preg T-C- 100/600 CP002 45

The CP002 Systems can be used for all common fibers like carbon, glass and aramid fibers. The CP002 system fulfil the requirement of aircraft interior specification (FAR 25.853) and has high mechanical performance. Especially the impact and bonding behaviour are outstanding properties.

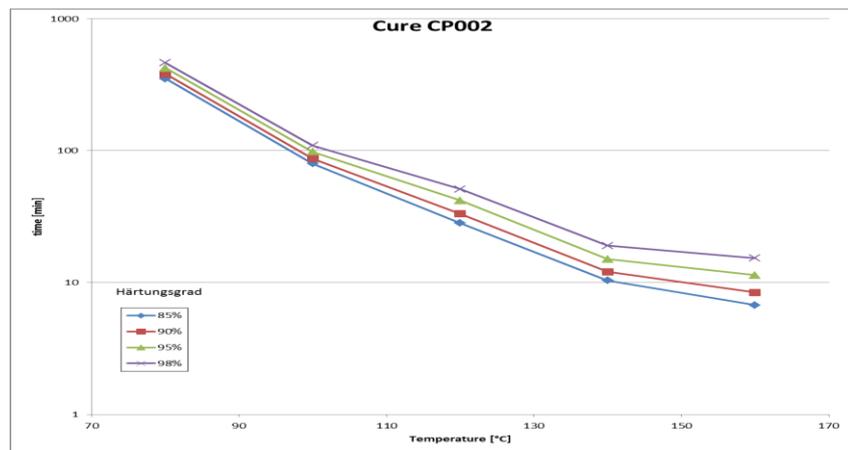
**Benefits and Features:**

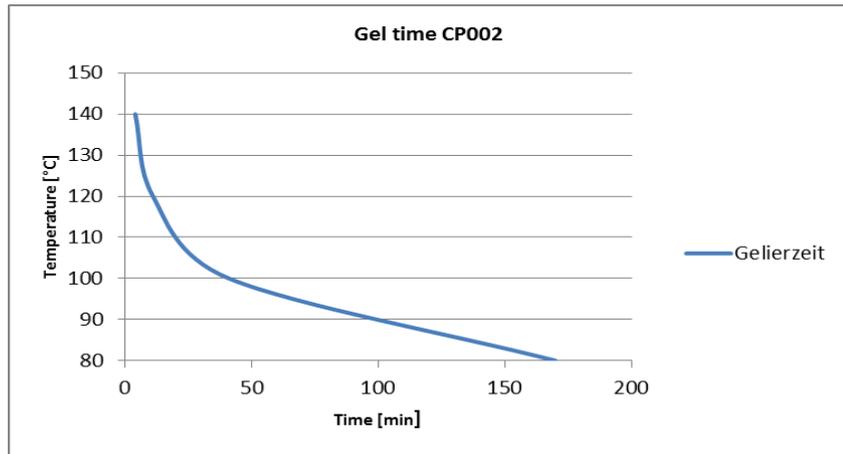
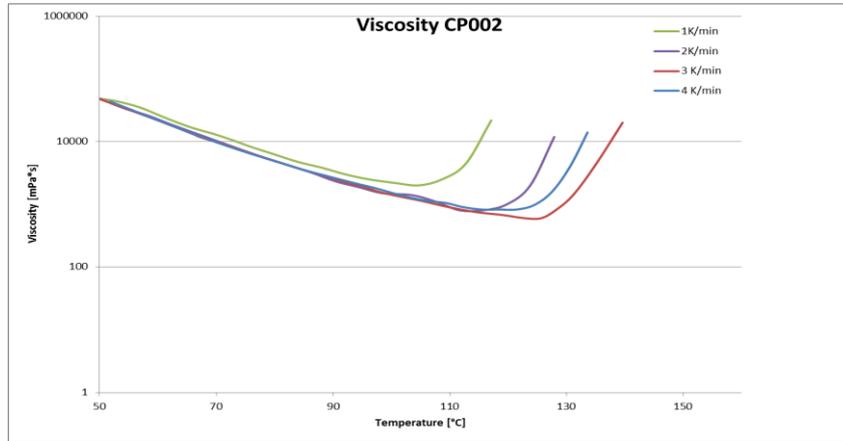
FAR 25.853  
 Toughend System  
 good bonding properties  
 Suitable for a wide temperature range

**Matrix Properties:**

CP002

min. Viscosity	mPas	600
T <sub>g</sub> (1h/120°C)	°C	125
Color		nature
Specials		tbd





**Storage Life and Storage Conditions**

21 days @ 20 °C  
 12 month @ -18 °C

**Processing**

Prepregs out of CP002 resin system are processable with all common technologies. The typical processing window is between 75°C and 160°C. The curing time varies from 10 min up to 4 hours depending on temperature

**Prepreg Properties:**

Textur: Epoxy Carbon UD-Prepreg

Fiber Areal weight:	g/m <sup>2</sup>	DIN	29971	100
Resin Content:	%	DIN	2557 C	45
Prepreg Areal Weight:	g/m <sup>2</sup>	DIN	2557 C	182
Width:	mm			600

**Laminate-Properties 60 Vol%**

Fibere Type: HT 12K T700 Grade

Tensile Strength 0°	MPa	DIN	ISO 527	2100
E-Modulus 0°	GPa	DIN	ISO 527	135
Flexural Strength	MPa	DIN	ISO 14125	1450
Flexural-Modulus 0°	GPa	DIN	ISO 14125	120
ILSF	MPa	DIN	EN 2563	65

additional mechanical properties available on request

**Important**

This is not a specification. All information is believed to be accurate in relation to the performance, storage and other characteristics of the product without acceptance of liability. Users are held to do their own tests to check the suitability of the product for its particular purpose