



Description:

CM-Preg TI02 20/1000 CP012 88

The CP012 Systems are modified Epoxy systems with outstanding fast curing properties. The resin system is mainly for industrial and automotive applications and suitable for press moulding

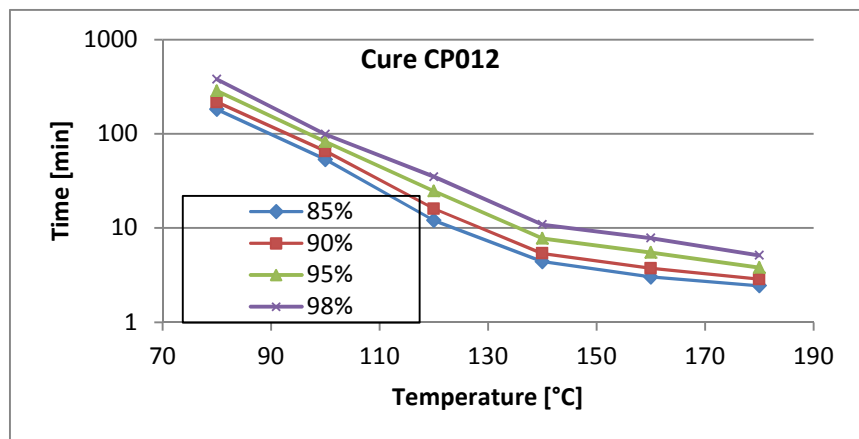
Benefits and Features:

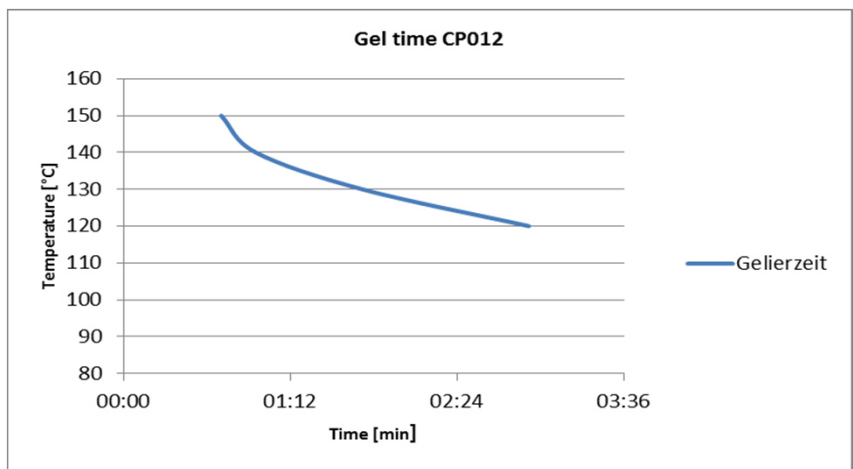
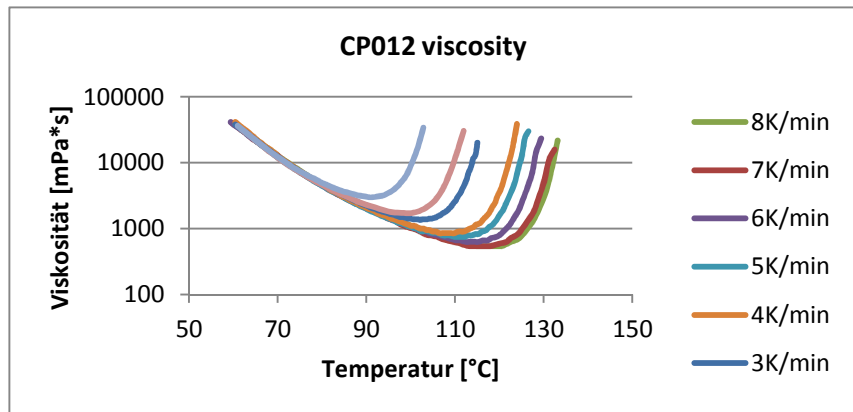
Modified flow characteristics
 short cure cycles < 8 min
 Suitable for a wide temperature range

Matrix Properties:

CP012

min. Viscosity	mPas	650
T _g (1h/160°C)	°C	160
Color		natur
Specials		n.a.





Storage Life and Storage Conditions

28 days	@	20 °C
12 month	@	-18 °C

Processing

Prepregs out of CP012 resin system suitable for fast press molding processes. The typical processing window is between 120°C and 165°C. The curing time varies from 8 min up to 30 minutes depending on temperature.



Prepreg Properties:

Textur: Epoxy Tissue Prepreg
Tissue

Fiber Areal weight:	g/m ²	DIN	29971	20
Resin Content:	%	DIN	2557 C	88
Prepreg Areal Weight:	g/m ²	DIN	2557 C	167
Width:	mm			1.000

Laminat-Eigenschaften (Example - HT - Carbon Fiber)

Artikel		CM-Preg F	CM-Preg T
Grade		Köper 2/2	UD
FAW	g/m ²	200	250

Tensile Strength 0°	MPa	DIN	ISO 527	1100	1900
E-Modulus 0°	GPa	DIN	ISO 527	70	135
Flexural Strength	MPa	DIN	ISO 14125	975	1641
Flexural-Modulus 0°	GPa	DIN	ISO 14125	60	122
ILSF	MPa	DIN	EN 2563	50	85

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