Product Discription: CM-Preg F-T11 600/1250 CP201 35

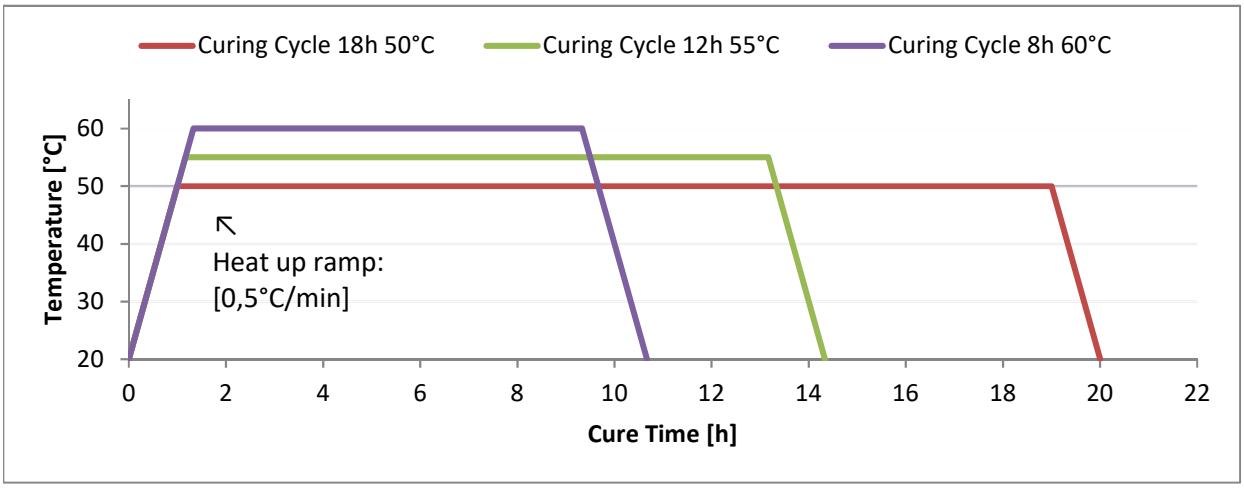
The CP201 is a low-temperature curing EP prepreg specially designed for the production of composite tools. Depending on the post cure cycle, a TG of up to 205 ° C can be achieved.

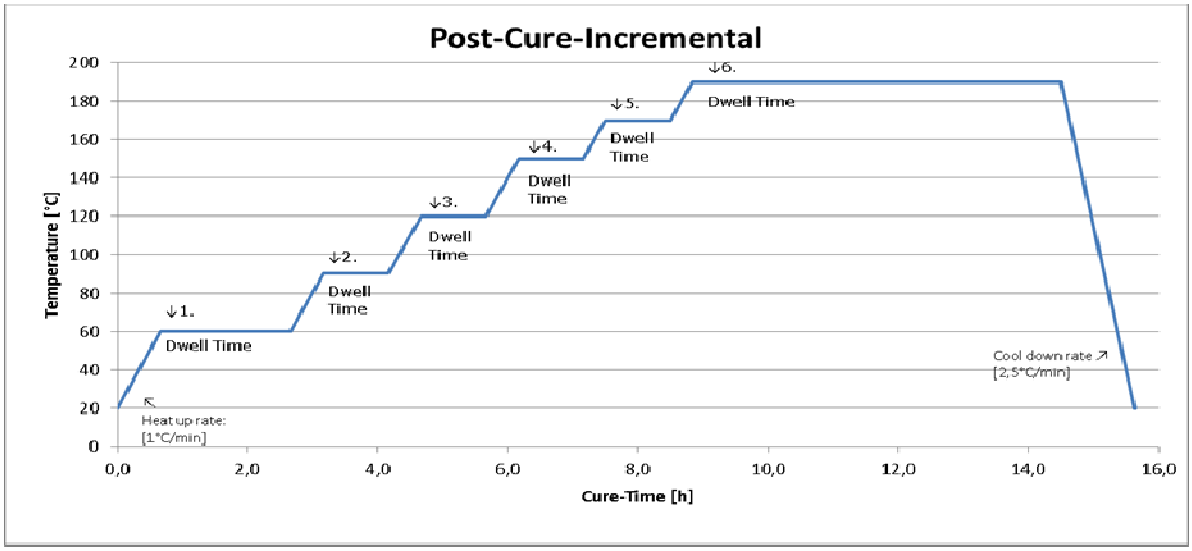
Special Features:

Low initial cure temperature 50°C
High end use temperature: ut to 205°C
Excellent surface finish
Excellent drape for complex shapes
Low coefficient of thermal expansion
3 - 4 days working life (@18°C)

Matrix Properties:

		CP201
min. Viskosität	mPas	n.a.
T_g (8h/180°C)	°C	205°C
Colour		Yellow

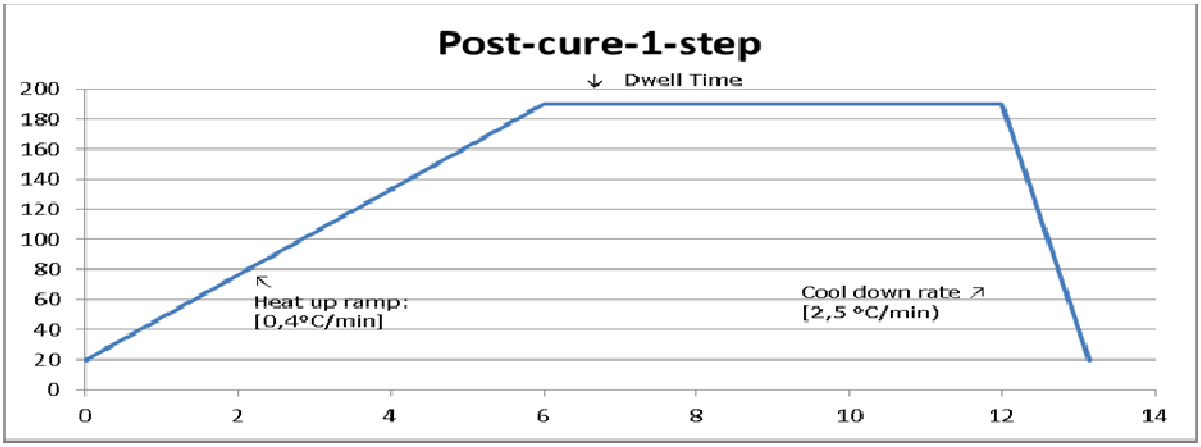




Heat up rate: 1°C/min	
Dwell time 1	60°C 2 hours
Dwell time 2	90°C 1 hours
Dwell time 3	120°C 1 hours
Dwell time 4	150°C 1 hours
Dwell time 5	170°C 2 hours
Dwell time 6	190°C 6 hours
Cool down rate 2,5°C/min	

Working Life and Storage Conditions:

3 Days	by	18 °C
12 Month	by	-18 °C



Prepreg Properties:

Textur:			Epoxy Carbon Fabric Prepreg	
	Twill 2/2 12k			
Fiber Areal weight:	g/m^2	DIN	29971	600
Resin Content:	%	DIN	2557 C	35
Prepreg Areal Weight:	g/m^2	DIN	2557 C	923
Width:	mm			1.250

Prepregs with the CP201 resin systems can be processed with all standard autoclave methods. The typical cure temperature window is between 50 ° C and 60 ° C. The curing time varies from 8 hours to 18 hours. The prepreg is available with carbon fiber fabric 200gr / m²-2x2-twill and carbon fiber fabric 600gr / m²-2x2-Twill. Roll length 25lfm x 1,25m each.

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. For the production of the master models, we recommend high quality epoxy tooling block materials or aluminum. All other materials must be tested in advance.