

PREPREG DATA SHEET

CI-600/1250 C901 35 T14-F

DESCRIPTION

CI-600/1250 C901 35 T14-F is a Carbon fiber fabric impregnated with epoxy resin. The nomenclature is as follows

CI₁-600₂/1250₃ C901₄ 35₅ T14₆-F₇

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|--|---|
| 1: Trademark | 2: Fabric area weight in (g/m ²) |
| 3: Width of the material (1250 mm) | 4: Resin system (EP...Epoxy) |
| 5: Resin content ±3 in mass (41 %) | 6: Fabric style [it includes Fiber type] |
| 7: F = Fabric / UD = Unidirectional | |

REINFORCING MATERIAL

Property	Symbol	Value	Unit
Material	T14	Carbon	
Fiber diameter	Ø	7	µm
Fiber density	ρF	1,76	g/cm ³
Tow	-	12	K
Fabric weave	T	Twill 2x2	
Area weight	-	600 ± 5%	g/m ²
Set of warps Set of wefts	- -	5,0/5,0	yarn/cm yarn/cm
Fiber Type	HTS		

MATRIX PROPERTIES

The technical data sheet of the Resin shows the details.

Prepreg Properties:

Fiber Areal weight:	g/m ²	600
Resin Content:	%	35
Prepreg Areal Weight:	g/m ²	923
Width:	mm	1250