

## CC420 ET445S 42% 100CM

### PROPERTIES

<i>Dry Fabric:</i>	<i>Unit</i>	<i>Typical Values</i>
Weaving Style	-	TWILL 2/2 / BATAVIA 2/2
Fiber Type	-	T700 12k
Fiber Density	g/cm <sup>3</sup>	1.8
Warp	threads/cm	2.5
Weft	threads/cm	2.6
Areal Weight	g/m <sup>2</sup>	416 (± 4%)

<i>Uncured Prepreg:</i>	<i>Unit</i>	<i>Typical Values</i>
Tack	-	Medium
Flow	%	5 (± 5%)
Out life @ 23°C	days	30
Storage life @ -18°C	months	12
Nominal Area weight	g/m <sup>2</sup>	717
Nominal Resin content	Wt %	42 (± 3)
Volatile content	Wt %	< 1
Nominal Width	mm	1000
Cured Ply Thickness *	mm	0.48
Tg E' (DMA)*	°C	126

(\* ) The tests were carried out @ 23°C and 60% R.H. on specimens cured in std conditions (dwell @ 125° for 30 minutes in autoclave. External pressure applied: 3 bar).

*This information is properties of Composite Materials (Italy) s.r.l and correspond to the present knowledge and are without any legal binding. The values of the cured properties may change due to processing conditions. Modifications due to technical progress or commercial policy change are possible.*