

CC995 ES161S 34% 127CM

PROPERTIES

<i>Dry Fabric:</i>	<i>Unit</i>	<i>Typical Values</i>
Weaving Style	-	TWILL 2/2 / BATAVIA 2/2
Fiber Type	-	Carbon 24k
Fiber Density	g/cm ³	1.80
Warp	threads/cm	3.0
Weft	threads/cm	3.0
Areal Weight	g/m ²	995 (± 10%)

<i>Uncured Prepreg:</i>	<i>Unit</i>	<i>Typical Values</i>
Tack	-	High
Out life @ 23°C	days	2-3
Storage life @ -18°C	months	6
Nominal Area weight	g/m ²	1508
Nominal Resin content	Wt %	34 (± 3)
Volatile content	Wt %	< 1
Nominal Width	mm	1270
Cured Ply Thickness *	mm	0.976

(*) The tests were carried out @ 23°C and 60% R.H. on specimens cured in std conditions (dwell @ 45° for 14 hours in autoclave. External pressure applied: 6 bar).

Details provided in this document have been obtained from carefully controlled samples; data are an overview of this product and should not be intended as technical specification.

Because the properties of this product can be significantly affected by the fabrication and testing techniques employed and since CIT does not control the conditions under which its products are tested and used, CIT cannot guarantee that the properties provided will be obtained with other processes and equipment.

CIT has the right to change any data or information when deemed appropriate.