



CT Carbon Cloth Properties

Property		Unit	Method	W0S1009	W1S1009
Fiber type				Cloth	Cloth
Microporous Layer				No	Yes
Thickness		μm	Using TECLOCK SM-114	330	410
Basic Weight		g/m ²	ASTM-D646	120	180
Tensile Strength	MD	N/cm	ASTM D-828*	>10	>10
	XD			>5	>5
Flexural Modulus	MD	Mpa	ASTM D-790	-	-
	XD			-	-
Air Permeability		secs	Gurley Method**	<10	<8
Through-Plane		mΩ*cm ²	ASTM C-611***	<5	<13

*Sample width: 24.4mm; Effective Specimen Length:45mm, Rate of Grip Separation:6.35 mm/min.

**Test Condition: 300cc, 0.1in² orifice, CFY-030.

*** 4-probe measurement, circular (50mm diameter) copper-plated contacts under 200psi.