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CT Carbon Cloth Properties

Property		Unit	Method	W0S1002	W1S1009
Fiber type				Cloth	Cloth
Microporous Layer				No	Yes
Thickness		µm	Using TECLOCK SM-114	360	410
Basic Weight		g/m^2	ASTM-D646	125	200
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**	<6	<55
Through-Plane		$m\Omega*cm^2$	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.**