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CIT CF291 24K T800S T2/2 ET445 40%

Cured Material Property	*Test method*	*Units*	*ET445*
0° Tensile modulus	ASTM D3039	GPa	67.5 (1.16)
0° Tensile strength		MPa	1204 (64.5)
0° Poisson's ratio		-	0.03
0° Elongation at failure		%	1.61 (0.07)
90° Tensile modulus	ASTM D3039	GPa	69.6 (0.90)
90° Tensile strength		MPa	1267 (56.3)
90° Poisson's ratio		-	0.04
90° Elongation at failure		%	1.62 (0.09)
0° Compressive strength	SACMA SRM 1R-94	MPa	636 (29.7)
90° Compressive strength	SACMA SRM 1R-94	MPa	628 (26.0)
In-plane shear modulus	ASTM D3518	GPa	3.08 (0.06)
In-plane shear strength @ failure		MPa	112 (1.45)
In-plane shear strength @ 5%		MPa	59.5 (0.85)
Inter-laminar shear strength	ISO 14130	MPa	63.4 (3.04)

(*) The tests were carried out @ 23°C and 60% R.H. on specimens cured in std conditions.

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