



## ESTIMATED LAMINATE DATA

SAP No. 30001134 Article Description B-C-416g/m<sup>2</sup>-1270mm / C-LT 1200  
 Textile Structure 7001378 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply ( $\rho$ )	g/cm <sup>3</sup>	1.49	1.38
	Thickness Cured Ply	mm	0.44	0.65
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus ( $E_{11}$ )	GPa	64.2	44.1
	Tensile Young's Modulus ( $E_{22}$ )	GPa	64.2	44.1
	Poisson's Ratio ( $\nu_{12}$ )	-	0.02	0.03
	Shear Modulus ( $G_{12}$ )	MPa	3292	2230

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply ( $\rho$ )	oz/in <sup>3</sup>	0.86	0.80
	Thickness Cured Ply	in	0.02	0.03
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus ( $E_{11}$ )	Msi	9.3	6.4
	Tensile Young's Modulus ( $E_{22}$ )	Msi	9.3	6.4
	Poisson's Ratio ( $\nu_{12}$ )	-	0.02	0.03
	Shear Modulus ( $G_{12}$ )	ksi	477	323

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