



## ESTIMATED LAMINATE DATA

SAP No. 30014251 Article Description U-C-710g/m<sup>2</sup>-610mm / C-L 2000  
 Textile Structure 7010234 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply ( $\rho$ )	g/cm <sup>3</sup>	1.49	1.38
	Thickness Cured Ply	mm	0.73	1.09
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus ( $E_{11}$ )	GPa	116	80
	Tensile Young's Modulus ( $E_{22}$ )	GPa	12	80
	Poisson's Ratio ( $\nu_{12}$ )	-	0.13	0.14
	Shear Modulus ( $G_{12}$ )	MPa	3436	2263

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply ( $\rho$ )	oz/in <sup>3</sup>	0.86	0.80
	Thickness Cured Ply	in	0.03	0.04
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus ( $E_{11}$ )	Msi	16.8	11.6
	Tensile Young's Modulus ( $E_{22}$ )	Msi	1.7	11.6
	Poisson's Ratio ( $\nu_{12}$ )	-	0.13	0.14
	Shear Modulus ( $G_{12}$ )	ksi	498	328

This data is offered for informational purposes only. The results contained in this report are based on calculated data with an epoxy matrix. We believe that this information is reliable, but do not guarantee its applicability to the user's process or assume any liability arising out of its use or performance. The user, by accepting the products described, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. It is important for the user to determine the properties of their own commercial product when using this or any other reinforcement.

Because of numerous factors affecting results, we make no warranty of any kind, expressed or implied, including those of merchantability and suitability for a particular purpose. Statements in this document shall not be taken as representations or warranties, or as inducements to infringe any patent or violate any law, safety code, or insurance regulation.

SAERTEX USA, LLC. Has been certified in accordance with ISO 9001:2015

-Confidential Information-