



ESTIMATED LAMINATE DATA

SAP No. 30017113 Article Description B-S-E-900g/m²-1270mm / E-LT 1808

Textile Structure 7011461 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.85	1.57
	Thickness Cured Ply	mm	0.71	1.21
	Fiber Volume Content	%	48	28
Elasticity	Tensile Young's Modulus (E_{11})	GPa	22.2	13.5
	Tensile Young's Modulus (E_{22})	GPa	21.4	13.0
	Poisson's Ratio (ν_{12})	-	0.15	0.16
	Shear Modulus (G_{12})	MPa	3835	2310

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	1.07	0.91
	Thickness Cured Ply	in	0.03	0.05
	Fiber Volume Content	%	48	28
Elasticity	Tensile Young's Modulus (E_{11})	Msi	3.2	2.0
	Tensile Young's Modulus (E_{22})	Msi	3.1	1.9
	Poisson's Ratio (ν_{12})	-	0.15	0.16
	Shear Modulus (G_{12})	ksi	556	335

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.

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Version 0 - July 2026

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