



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

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