



ESTIMATED LAMINATE DATA

SAP No. 30010084 Article Description B-S-E-1089g/m²-1270mm / E-LT 2408
 Textile Structure 7008501 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.86	1.57
	Thickness Cured Ply	mm	0.84	1.41
	Fiber Volume Content	%	49	29
Elasticity	Tensile Young's Modulus (E_{11})	GPa	23.2	14.3
	Tensile Young's Modulus (E_{22})	GPa	22.5	13.9
	Poisson's Ratio (ν_{12})	-	0.14	0.15
	Shear Modulus (G_{12})	MPa	3834	2351

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	1.08	0.91
	Thickness Cured Ply	in	0.03	0.06
	Fiber Volume Content	%	49	29
Elasticity	Tensile Young's Modulus (E_{11})	Msi	3.4	2.1
	Tensile Young's Modulus (E_{22})	Msi	3.3	2.0
	Poisson's Ratio (ν_{12})	-	0.14	0.15
	Shear Modulus (G_{12})	ksi	556	341

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