



ESTIMATED LAMINATE DATA

SAP No. 30017117 Article Description X-S-E-1064g/m²-1270mm / E-BXM 2408
 Textile Structure 7011467 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.86	1.57
	Thickness Cured Ply	mm	0.83	1.39
	Fiber Volume Content	%	49	29
Elasticity	Tensile Young's Modulus (E_{11})	GPa	22.7 / (12.0)*	14.0 / (1.0)*
	Tensile Young's Modulus (E_{22})	GPa	22.7 / (12.0)*	14.0 / (1.0)*
	Poisson's Ratio (ν_{12})	-	0.14	0.15
	Shear Modulus (G_{12})	MPa	3879.00	2372.00

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	1.08	0.91
	Thickness Cured Ply	in	0.03	0.05
	Fiber Volume Content	%	49	29
Elasticity	Tensile Young's Modulus (E_{11})	Msi	3.3 / (1.7)*	2.0 / (1.0)*
	Tensile Young's Modulus (E_{22})	Msi	3.3 / (1.7)*	2.0 / (1.0)*
	Poisson's Ratio (ν_{12})	-	0.14	0.15
	Shear Modulus (G_{12})	ksi	563	344

*Value in fiber direction / value in brackets = value in global coordinate

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