



ESTIMATED LAMINATE DATA

SAP No. 30017115 Article Description X-S-E-662g/m²-1270mm / E-BXM 1208

Textile Structure 7011464 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.82	1.53
	Thickness Cured Ply	mm	0.54	0.95
	Fiber Volume Content	%	47	27
Elasticity	Tensile Young's Modulus (E_{11})	GPa	19.8 / (11.7)*	11.6 / (6.9)*
	Tensile Young's Modulus (E_{22})	GPa	19.8 / (11.7)*	11.6 / (6.9)*
	Poisson's Ratio (ν_{12})	-	0.16	0.17
	Shear Modulus (G_{12})	MPa	3901.00	2272.00

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	1.05	0.88
	Thickness Cured Ply	in	0.02	0.04
	Fiber Volume Content	%	47	27
Elasticity	Tensile Young's Modulus (E_{11})	Msi	2.9 / (1.7)*	1.7 / (1.0)*
	Tensile Young's Modulus (E_{22})	Msi	2.9 / (1.7)*	1.7 / (1.0)*
	Poisson's Ratio (ν_{12})	-	0.16	0.17
	Shear Modulus (G_{12})	ksi	566	330

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

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