



ESTIMATED LAMINATE DATA

SAP No. 30015084 Article Description X-C-634g/m²-1270mm / C-BX 1800

Textile Structure 7009749 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.49	1.38
	Thickness Cured Ply	mm	0.67	0.99
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus (E_{11})	GPa	64.0 / (12.5)*	44.0 / (8.2)*
	Tensile Young's Modulus (E_{22})	GPa	64.0 / (12.5)*	44.0 / (8.2)*
	Poisson's Ratio (ν_{12})	-	0.02	0.03
	Shear Modulus (G_{12})	MPa	3453	2297

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	0.86	0.80
	Thickness Cured Ply	in	0.03	0.04
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus (E_{11})	Msi	9.3 / (1.8)*	6.4 / (1.2)*
	Tensile Young's Modulus (E_{22})	Msi	9.3 / (1.8)*	6.4 / (1.2)*
	Poisson's Ratio (ν_{12})	-	0.02	0.03
	Shear Modulus (G_{12})	ksi	501	333

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

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