



ESTIMATED LAMINATE DATA

SAP No. 30012987 Article Description B-C-604g/m²-1270mm / C-LT 1800

Textile Structure 7009777 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.49	1.38
	Thickness Cured Ply	mm	0.64	0.95
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus (E_{11})	GPa	64.2	44.1
	Tensile Young's Modulus (E_{22})	GPa	64.2	44.1
	Poisson's Ratio (ν_{12})	-	0.02	0.13
	Shear Modulus (G_{12})	MPa	3292	2263

	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	6.4
	Tensile Young's Modulus (E_{22})	Msi	9.3	6.4
	Poisson's Ratio (ν_{12})	-	0.02	0.13
	Shear Modulus (G_{12})	ksi	477	328

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