



ESTIMATED LAMINATE DATA

SAP No. 20012354 Article Description Q-C-632g/m²-1270mm / C-QX 1800
 Textile Structure 7010988 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	45.4	30.9
	Tensile Young's Modulus (E_{22})	GPa	45.4	30.9
	Poisson's Ratio (ν_{12})	-	0.31	0.31
	Shear Modulus (G_{12})	MPa	17303	11577

	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	6.58	4.48
	Tensile Young's Modulus (E_{22})	Msi	6.58	4.48
	Poisson's Ratio (ν_{12})	-	0.31	0.31
	Shear Modulus (G_{12})	ksi	2509	1679

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