



ESTIMATED LAMINATE DATA

SAP No. 30017119 Article Description Q-E-1635g/m²-1270mm / E-QX 4800
 Textile Structure 7011468 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.93	1.66
	Thickness Cured Ply	mm	1.16	1.79
	Fiber Volume Content	%	54	35
Elasticity	Tensile Young's Modulus (E_{11})	GPa	22.1	14.9
	Tensile Young's Modulus (E_{22})	GPa	21.6	14.6
	Poisson's Ratio (ν_{12})	-	0.32	0.33
	Shear Modulus (G_{12})	MPa	8189	5475

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	1.12	0.96
	Thickness Cured Ply	in	0.05	0.07
	Fiber Volume Content	%	54	35
Elasticity	Tensile Young's Modulus (E_{11})	Msi	3.2	2.2
	Tensile Young's Modulus (E_{22})	Msi	3.1	2.1
	Poisson's Ratio (ν_{12})	-	0.32	0.33
	Shear Modulus (G_{12})	ksi	1188	794

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