



ESTIMATED LAMINATE DATA

SAP No. 30017120 Article Description Q-S-E-1496g/m²-1270mm / E-QX 3608
 Textile Structure 7011463 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.88	1.59
	Thickness Cured Ply	mm	1.14	1.87
	Fiber Volume Content	%	50	31
Elasticity	Tensile Young's Modulus (E_{11})	GPa	19.5	12.3
	Tensile Young's Modulus (E_{22})	GPa	19.1	12.0
	Poisson's Ratio (ν_{12})	-	0.30	0.32
	Shear Modulus (G_{12})	MPa	7170	4485

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	1.09	0.92
	Thickness Cured Ply	in	0.04	0.07
	Fiber Volume Content	%	50	31
Elasticity	Tensile Young's Modulus (E_{11})	Msi	2.8	1.8
	Tensile Young's Modulus (E_{22})	Msi	2.8	1.7
	Poisson's Ratio (ν_{12})	-	0.30	0.32
	Shear Modulus (G_{12})	ksi	1040	650

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