



ESTIMATED LAMINATE DATA

SAP No. 30017419 Article Description Q-C-816g/m²-1270mm / C-QX 2400
 Textile Structure 7009803 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.49	1.38
	Thickness Cured Ply	mm	0.87	1.29
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus (E_{11})	GPa	46	31
	Tensile Young's Modulus (E_{22})	GPa	46	31
	Poisson's Ratio (ν_{12})	-	0.30	0.30
	Shear Modulus (G_{12})	MPa	17156	11476

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	0.86	0.80
	Thickness Cured Ply	in	0.03	0.05
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus (E_{11})	Msi	6.6	4.5
	Tensile Young's Modulus (E_{22})	Msi	6.6	4.5
	Poisson's Ratio (ν_{12})	-	0.30	0.30
	Shear Modulus (G_{12})	ksi	2488	1664

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