ESTIMATED LAMINATE DATA

SAP No.	**30013119**	**Article Description**	**U-C-631g/m2-1270mm / C-L 1800**
Textile Structure	**7009804**	**SAERTEX®**	

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm³	1.49	1.38
	Thickness Cured Ply	mm	0.68	1.01
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus (E_{11})	GPa	116.4	79.4
	Tensile Young's Modulus (E_{22})	GPa	8.6	6.5
	Poisson's Ratio (v_{12})	-	0.17	0.23
	Shear Modulus (G_{12})	MPa	3315	2236

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in³	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	16.9	11.5
	Tensile Young's Modulus (E_{22})	Msi	1.2	0.9
	Poisson's Ratio (v_{12})	-	0.17	0.23
	Shear Modulus (G_{12})	ksi	481	324

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SAERTEX USA, LLC. Has been certified in accordance with ISO 9001:2015