ESTIMATED LAMINATE DATA

SAP No.	**30014251**	**Article Description**	**U-C-710g/m²-610mm / C-L 2000**
Textile Structure	**7010234**	**SAERTEX®**	

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm³	1.49	1.38
	Thickness Cured Ply	mm	0.73	1.09
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus (E_{11})	GPa	116	80
	Tensile Young's Modulus (E_{22})	GPa	12	80
	Poisson's Ratio (v_{12})	-	0.13	0.14
	Shear Modulus (G_{12})	MPa	3436	2263

	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	16.8	11.6
	Tensile Young's Modulus (E_{22})	Msi	1.7	11.6
	Poisson's Ratio (v_{12})	-	0.13	0.14
	Shear Modulus (G_{12})	ksi	498	328