



ESTIMATED LAMINATE DATA

SAP No. 30000944 Article Description Q-E-820g/m²-1270mm / E-QX 2400

Textile Structure 7001689 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.93	1.66
	Thickness Cured Ply	mm	0.58	0.89
	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	8183	5473

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	1.12	0.96
	Thickness Cured Ply	in	0.02	0.04
	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	1187	794

This data is offered for informational purposes only. The results contained in this report are based on calculated data with an epoxy matrix. We believe that this information is reliable, but do not guarantee its applicability to the user's process or assume any liability arising out of its use or performance. The user, by accepting the products described, agrees to be responsible for thoroughly testing any application to determine its suitability before committing to production. It is important for the user to determine the properties of their own commercial product when using this or any other reinforcement.

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