



ESTIMATED LAMINATE DATA

SAP No. 30015226 Article Description X-C-306g/m²-1270mm / C-BX 0900
 Textile Structure 7010769 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.49	1.38
	Thickness Cured Ply	mm	0.32	0.48
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus (E_{11})	GPa	65.2 / (12.0)*	44.1 / (8.1)*
	Tensile Young's Modulus (E_{22})	GPa	65.2 / (12.0)*	44.1 / (8.1)*
	Poisson's Ratio (ν_{12})	-	0.02	0.03
	Shear Modulus (G_{12})	MPa	3292	2220

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	0.86	0.80
	Thickness Cured Ply	in	0.01	0.02
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus (E_{11})	Msi	9.4 / (1.7)*	6.4 / (1.2)*
	Tensile Young's Modulus (E_{22})	Msi	9.4 / (1.7)*	6.4 / (1.2)*
	Poisson's Ratio (ν_{12})	-	0.02	0.03
	Shear Modulus (G_{12})	ksi	477	322

*Value in fiber direction / value in brackets = value in global coordinate

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