



ESTIMATED LAMINATE DATA

SAP No. 30015963 Article Description B-S-E-1289g/m²-1270mm / E-LT 2415
 Textile Structure 7011092 SAERTEX®

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1.83	1.54
	Thickness Cured Ply	mm	1.04	1.82
	Fiber Volume Content	%	47	27
Elasticity	Tensile Young's Modulus (E_{11})	GPa	20.7	20.2
	Tensile Young's Modulus (E_{22})	GPa	20.1	11.9
	Poisson's Ratio (ν_{12})	-	0.16	0.17
	Shear Modulus (G_{12})	MPa	3837	2256

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	oz/in ³	1.06	0.89
	Thickness Cured Ply	in	0.04	0.07
	Fiber Volume Content	%	47	27
Elasticity	Tensile Young's Modulus (E_{11})	Msi	3.0	2.9
	Tensile Young's Modulus (E_{22})	Msi	2.9	1.7
	Poisson's Ratio (ν_{12})	-	0.16	0.17
	Shear Modulus (G_{12})	ksi	556	327

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