



## ESTIMATED LAMINATE DATA

SAP No.	30007630	Article Description	X-E-444g/m <sup>2</sup> -1270mm
Textile Structure	7004131	SAERTEX®	

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply ( $\rho$ )	g/cm <sup>3</sup>	1,93	1,66
	Thickness Cured Ply	mm	0,31	0,48
	Fiber Volume Content	%	54	35
Elasticity	Tensile Young's Modulus ( $E_{11}$ )	GPa	28,1 / (12,6)*	19,0 / (8,5)*
	Tensile Young's Modulus ( $E_{22}$ )	GPa	28,1 / (12,6)*	19,0 / (8,5)*
	Poisson's Ratio ( $\nu_{12}$ )	-	0,12	0,13
	Shear Modulus ( $G_{12}$ )	MPa	3908	2638

\*Value in fiber direction / value in Brackets = value in global coordinate

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