



## ESTIMATED LAMINATE DATA

SAP No.	30007905	Article Description	X-C-406g/m <sup>2</sup> -1270mm
Textile Structure	7007925	SAERTEX®	

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply ( $\rho$ )	g/cm <sup>3</sup>	1,49	1,38
	Thickness Cured Ply	mm	0,43	0,63
	Fiber Volume Content	%	52	35
Elasticity	Tensile Young's Modulus ( $E_{11}$ )	GPa	64,2 / (12,0)*	44,1 / (8,1)*
	Tensile Young's Modulus ( $E_{22}$ )	GPa	64,2 / (12,0)*	44,1 / (8,1)*
	Poisson's Ratio ( $\nu_{12}$ )	-	0,02	0,03
	Shear Modulus ( $G_{12}$ )	MPa	3292	2220

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

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