



ESTIMATED LAMINATE DATA

SAP No.	30007634	Article Description	X-E-1210g/m ² -1270mm
Textile Structure	7004125	SAERTEX®	

	PROPERTIES	UNIT	INFUSION	OPEN MOLD
General	Density Cured Ply (ρ)	g/cm ³	1,93	1,66
	Thickness Cured Ply	mm	0,86	1,32
	Fiber Volume Content	%	54	35
Elasticity	Tensile Young's Modulus (E_{11})	GPa	28,2 / (12,4)*	19,0 / (8,4)*
	Tensile Young's Modulus (E_{22})	GPa	28,2 / (12,4)*	19,0 / (8,4)*
	Poisson's Ratio (ν_{12})	-	0,11	0,13
	Shear Modulus (G_{12})	MPa	3842	2599

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

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.

Because of numerous factors affecting results, we make no warranty of any kind, expressed or implied, including those of merchantability and suitability for a particular purpose. Statements in this document shall not be taken as representations or warranties, or as inducements to infringe any patent or violate any law, safety code, or insurance regulation.

SAERTEX GmbH & Co.KG has been certified in accordance with ISO 9001:2015 and ISO 14001:2015 and has been awarded the 2022 Eco-Profit Award. The SAERTEX GmbH & Co.KG has its own DNV certified laboratory.