



TECHNICAL DATA SHEET



Technical Parameters of different types of laminates

Construction of laminate:		A	B	C
CSM = chopped strand mat SP = Sphere.core SP VL = Glasstissue WR = woven Roving		CSM 450 (9 layers)	CSM 450 CSM 450 SP 5,0mm CSM 450 CSM 450	WR 330 CSM 225 SP 2,0mm VL 40 SP 2,0mm CSM 300 WR 330
Thickness	(mm)	9,00	8,95	6,30
Resinabsorption	(g/m ²)	8550	7150	4765
Weight	(g/m ²)	12650	9080	6150
Spec. weight DIN 53479	(g/cm ³)	1,410	1,015	0,976
Flex. Strength EN 63	(MPa)	200	167	214
Flex. Modulus	(MPa)	8000	5200	10120
Tensile Strength lengthwise EN 61	(MPa)	90	45,3	61,4
Tensile Strength crosswise EN 61	(MPa)	90	45,3	65,3
Waterabsorption DIN 53495	(%)	0,200	0,145	0,132

The information contained in this document has been compiled in good faith by Spheretex GmbH, but nevertheless no representation or warranty is given as to the accuracy or completeness of the (technical) information provided herein. Please note, the data presented in this document are typical values only, and should not be used as specification or engineering data. Spheretex GmbH cannot be held liable for any damages arising from any (printing) errors or omissions in this information. Spheretex GmbH reserves the right to make changes with respect to the information provided at any time without further notice.