One source for all your core material needs:

Coretech PS





Advantages	Applications	Processing
• Cell size: 5 mm • Core and infusion medium • Pressure resistant • Good bonding with skin layers	• Marine • Transportation • Leisure • Industrial • Wind energy	• Vacuum infusion, LRTM, RTM • Compatible with common resin types such as UP, VE, EP

Properties	Unit	PS 2,0 mm	PS 3,0 mm
Thickness	mm	2,0	3,0
Thickness loss at 0,8 bar	%	< 8	< 8
Roll length	m	80	50
Roll width	m	1,27	1,27
Max. processing temperature	°C	170	170
Dry weight	g/m²	130	170
Resin uptake	g/m²/mm	400 - 600	400 - 600
Density impregnated	kg/m³	500 - 800	500 - 800

Mechanical Properties (with UP resin)	Unit	Value	Test Method
Flexural strength	Mpa	16	ASTM D790
Flexural modulus	Mpa	1000	ASTM D790
Tensile strength across layers	Mpa	6,5	ASTM C297
Compression strength: 10%strain	Mpa	4	ISO 844
Shear strength	Mpa	6	ASTM C273-61
Shear modulus	Mpa	40	ASTM C273-61

Disclaimer: Technical data provided by the manufacturer. All tests have been carried out by an independent laboratory. All information contained in this document regarding our products, processes and equipment, is intended to be up to date, accurate, and complete ; it is subject to modifications without prior notification ; it does not constitute a commitment, neither a contractual document. Time OUt Composite oHG makes no warranties of any kind regarding these materials or information. It is the user's and/or purchaser's responsibility to assess suitability of said material and carry out sufficient testing for its intended purpose. Time Out Composite oHG will not assume any liability from use or misuse of data presented herein

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