One source for all your core material needs:

CARBON CORE EUROPE GMBH

Coretech PT





Advantages	Applications	Processing
• Core and infusion medium • Pressure resistant • Printblocker	• Marine • Transportation • Leisure • Industrial • Wind energy	• Vacuum infusion, LRTM, RTM • Compatible with common resin types such as UP, VE, EP

Properties	Unit	PT 1,5 mm	PT 2,0 mm	PT 3,0 mm
Thickness	mm	1,5	2,0	3,0
Thickness loss at 0,8 bar	%	< 20	< 20	< 20
Roll length	m	120	80	50
Roll width	m	1,27	1,27	1,27
Max. processing temperature	°C	180	180	180
Dry weight	g/m²	90	120	160
Resin uptake	g/m²/mm	400 - 600	400 - 600	400 - 600
Density impregnated	kg/m³	600 - 800	600 - 800	600 - 800

Mechanical Properties (with UP resin)	Unit	Value	Test Method
Flexural strength	Mpa	20	ASTM D790
Flexural modulus	Mpa	1800	ASTM D790
Tensile strength across layers	Mpa	8	ASTM C297
Compression strength: 10%strain	Mpa	4	ISO 844
Shear strength	Mpa	8	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. Carbon Core Europe GmbH 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. Carbon Core Europe GmbH will not assume any liability from use or misuse of data presented herein