



BambooSheet Pro™

Our BambooSheet Pro series is produced leveraging renewable green energy, further reducing the environmental impact of your projects. This material is perfect for those who want/aim to prioritize sustainability without sacrificing performance. Its innovative technology enables BambooSheet Pro to be shaped into any form, providing the versatility required for a wide array of applications—from electronics, aerospace to construction and consumer goods.



Productdata

Fiber: 200400 LF

Resin: Epoxy

TDS for 50% Vf is under development

General properties	Test Methods	Units	Values
Fiber length	Internal	mm	5.5 ± 2.4
Fiber thickness	Internal	µm	190 ± 89
Fiber aspect ratio	Internal	-	32 ± 17
Thickness (Laminate)	Internal	mm	0.6 ± 0.0
Area weight (Laminate)	Internal	g/m ²	170 ± 13
Fiber content (Laminate)	ISO 1172	%	81
Carrier content (laminate)	Internal	%	19
Density (Laminate)	ISO 1183	g/cm ³	1.38
Density (Molded) ¹	ISO 1183	g/cm ³	1.20
Biobased content (Laminate)	Internal	%	81
Global warming potential		kg CO ₂ -eq/kg fabric	Coming soon
Mechanical Properties ¹	Test Methods	Units	Values
Tensile strength	ISO 527	MPa	56 ± 8.3
Tensile modulus	ISO 527	GPa	18 ± 1.5
Strain at break	ISO 527	%	0.3 ± 0.0
Flexural strength	ISO 178	MPa	103 ± 6.3
Flexural modulus	ISO 178	GPa	4.5 ± 0.7
Impact strength (IZOD 3.2mm)	ASTM D256	J/m	Coming soon
Impact strength (Charpy 4.0mm)	ISO 179-1/2fn	kJ/m ²	Coming soon

¹ Typical values obtained when used in Vacuum infusion at room temperature, with a final Vf of 30%.



Processing properties	Test Methods	Units	Values
Molding shrinkage	ISO 2577	%	Coming soon

All data specified comprises representative mean values and may differ from these mean values as a function of processing and geometry influences. The data was obtained under optimal conditions defined by Bambooder. In some cases, not all data is available. Please contact us for further information. All information supplied by or on behalf of Bambooder Biobased Fibers B.V. in relation to its products, whether in the nature of date, recommendations or otherwise, is supported by research and believed reliable, but Bambooder Biobased Fibers B.V. assumes no liability whatsoever in respect of application, processing or use made of the aforementioned information or products, or any consequence thereof. The buyer undertakes all liability in respect of the application, processing or use of the aforementioned information or product, whose quality and other properties he shall verify, or any consequence thereof. No liability whatsoever shall attach to Bambooder Biobased Fibers B.V. for any infringement of the rights owned or controlled by a third party in intellectual, industrial or other property by reason of the application, processing or use of the aforementioned information or products by the buyer.