



BambooMCPro™

BambooMC Pro is a high-quality bamboo molding compound designed to deliver exceptional surface finishes and aesthetic appeal while maintaining ease of processing and suitability for complex shapes. With its sustainable nature and ability to handle high-volume production, BambooMC Pro is ideal for industries demanding durability and visual appeal.



Productdata

Fiber 4001000 XLF and chalk
Resin: Polyester

General properties	Test Methods	Units	Values
Fiber length	Internal	mm	23 ± 4.6
Fiber thickness	Internal	µm	380 ± 180
Fiber aspect ratio	Internal	-	70 ± 32
Bamboo content (compound)	ISO 1172	%	30%
Density (compound)	ISO 1183	g/cm ³	1.6
Density (Molded)*	ISO 1183	g/cm ³	1.6
Biobased content	-	%	80
Global warming potential	-	kg CO ₂ -eq/kg compound	Coming soon
Mechanical Properties	Test Methods	Units	Values
Tensile strength	ISO 527	MPa	Coming soon
Tensile modulus	ISO 527	GPa	Coming soon
Strain at break	ISO 527	%	Coming soon
Flexural strength	ISO 178	MPa	39
Flexural modulus	ISO 178	GPa	8.3
Impact strength (IZOD 3.2mm)	ASTM D256	J/m	Coming soon
Impact strength (Charpy 4.0mm)	ISO 179-1/2fn	kJ/m ²	3.3
Processing properties	Test Methods	Units	Values
Molding shrinkage	ISO 2577	%	Coming soon

The product is fire resistant and has good electrical shielding properties.

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 data, 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.