

## Technical data sheet (DRAFT)

### AR 25-035 B-16 (Temporary Code)

**AR 25-035 B-16** is an eco-friendly bulk moulding compound based on an unsaturated polyester resin containing bio-sourced filler and reinforced with Bamboo fibres.

**AR 25-035 B-16** is formulated according to RoHS, REACH regulation (SVHC) and WEEE European legislation.

#### Typical material properties

CHARACTERISTICS	METHOD	UNIT	VALUE
Bamboo Fiber content		%	20
Bio-sourced content		%	70
Linear shrinkage	ISO 2577	%	0,4
Density	ISO 1183	g/cm <sup>3</sup>	1,6
Water absorption	ISO 62 Met. 1	%	< 1,0
Flexural strength	ISO 14125A	MPa	40
Flexural modulus	ISO 14125A	MPa	7000
Tensile strength	ISO 527-4	MPa	20
Tensile modulus	ISO 527-4	MPa	7000
Impact strength (Charpy)	ISO 179	kJ/m <sup>2</sup>	4

Properties were determined on compression-moulded specimens according to DO-LAB02 and UNIPLAST rules project 412 and 413.

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## Storage and processing conditions

Storage	in a dry place at 15-25°C, out of direct sun light
Moulding time	30 s/mm
Moulding pressure	60 - 120 bar
Moulding temperature	140 - 160°C

**This technical leaflet was issued in the month of February 2026.**

Note: The information contained in this sheet is correct and accurate and it based on our technical and scientific knowledge and on literature at the date of going to press. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing stated here may be taken or construed as implying of any existing patents. Nor is any warranty, whether explicit or implicit, given with regard to results to be obtained through the use of the aforesaid information.

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