

Technical Data Sheet



Maywogreen PLA BIO (deg)

Typical characteristics

- Good impact strength

Typical industries

- Beverage Industry
- Food Industry
- Vacuum Forming

Sustainability

- Bio-based raw materials reduce the use of fossil raw materials
- Biodegradable according to EN 13432

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,32
Mechanical properties			
Elongation at break	DIN EN ISO 527	%	21
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2555
Tensile strength	DIN EN ISO 527	MPa	36
Notched impact strength	DIN EN ISO 179	kJ / m ²	7
Thermal properties			
Melting temperature	ISO 11357-3	°C	>130 °C
Electrical properties			
Surface resistivity	DIN EN 61340	Ohm	> 10 ¹²
Volume resistivity	DIN EN 61340	Ohm	> 10 ¹²

The information and recommendations contained in this document are based upon data collected by Röchling Industrial Allgäu and believed to be correct. However, no warranty of fitness for use or any other guarantees or warranty of any kind, expressed or implied, is made to the information contained herein. Röchling Industrial Allgäu assumes no responsibility for the results of the use of products and processes described herein.

Röchling Industrial Allgäu GmbH

Hinter den Gärten 20 • 87730 Bad Grönenbach/Germany (DE) • Tel. +49 8334 9857-0
 info@roechling-maywo.de • www.roechling.com/industrial/groenenbach

Print: 27/04/2024 • Release: 20/09/2023 • Version: 2.0
 PIM-Version: 41 • PIM-ID: 718514 • PIM-Code: 41-5-161-5.5.4-9.3-12

