

Technical Data Sheet



Maywogreen PLA BIO (deg)

PLA

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	Ω	> 10 ¹²
Volume resistivity	DIN EN 61340	Ω	> 10 ¹²

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ri-inquiry@roechling.com • www.roechling.com/industrial/materials

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