

## 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
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,32
<b>Mechanical properties</b>			
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 <sup>2</sup>	7
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	>130 °C
<b>Electrical properties</b>			
Surface resistivity	DIN EN 61340	Ω	> 10 <sup>12</sup>
Volume resistivity	DIN EN 61340	Ω	> 10 <sup>12</sup>

