

## 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> |

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