

# Bio dolomer

## Biodolomer® Cutlery

### Biodolomer® Cutlery made from Biodolomer® I

Biodolomer® Cutlery is compostable and made from renewable resources. Our Trays are approved for food contact and certified to the EU compost standard EN13432 and marked with the Seedling symbol up to 1 mm.

#### A sustainable society

Biodolomer® Bottles contributes to a better environment by

- containing locally sourced materials
- up to 90% renewable raw materials
- compostable
- may be converted into bio-energy.
- Significantly lowered CO<sub>2</sub>-emissions when incinerated compared to paper and plastic.
- Made in Sweden

#### Applications

GAIA offers Biodolomer® Cutlery as

- Knife
- Fork
- Spoon
- Ice-cream spoon
- Cocktail stick

#### Basic material properties Biodolomer® I, at 23 celsius

\* not to be construed as specifications

Properties	Unit	Test method	Value
Polymer abbreviation	-	-	PLA/PBAT
Density	kg / m <sup>3</sup>	ISO 1183	1470
Melt volume rate	MVR (190 °C / 2.16 kg)	ISO 1133	9.0 [cm <sup>3</sup> / 10min]
E-modulus	MPa	ISO 527-2	3600
Strain at break (v = 50 mm / min)	%	ISO 527-2	4

Read more on GAIA and Biodolomer® at <http://www.gaiabiomaterials.com>



compostable  
7P2102

Norm	EN 13432
Issuing authority	TUV AUSTRIA
Name	Seedling
Number	7P2102

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