

# Bio dolomer

## *Biodolomer® Bottle*

### **Biodolomer® Bottle made from Biodolomer® B**

Biodolomer® Bottle is compostable, biodegradable and made from renewable resources. Bottles are approved for food contact.

#### **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 CO2-emissions when incinerated compared to paper and plastic.
- Made in the EU

#### **Applications**

GAIA offers Biodolomer® Bottle as

- Water bottle
- Canister
- Shaker

#### **Basic material properties**

##### **Biodolomer® B**

\* not to be construed as specifications

Properties	Unit	Test method	Biodolomer® Bottle
Transmission	%	ASTM D 1003	Opaque
Tensile Strength	MPa	ISO 527	60 / 45
Ultimate Elongation	%	ISO 527	65 / 40
Ultimate Strength	MPa	ISO 527	30 / 20
Permeation rates:			
Oxygen	cm <sup>3</sup> / (m <sup>2</sup> · d · bar)	ASTM D 3985	28
Water vapor	g / (m <sup>2</sup> · d)	ASTM F 1249	3.5



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

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