

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 ³ / (m ² · d · bar) | ASTM D 3985 | 28 |
| Water vapour | g / (m ² · d) | ASTM F 1249 | 3.5 |



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

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