

# Bio dolomer

## Biodolomer® Pouch

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The European Union aims to divert all organic waste from landfill and incineration.\*

Nowadays, only one third of organic waste in Europe is collected separately. Even in European countries with a well-developed composting infra-structure, the organic fraction remains the largest part of municipal residual waste. Accordingly, separate organic waste collection is mandatory in Germany as of 2015.

To offer citizens a cleaner, safer, and easier collection of organic food waste GAIA developed Biodolomer®, a high quality mineral filled biopolymer. It is certified for home composting according to EN 13432 standard up to 24 µm and certified for industrial composting up to 100 µm. Regulation in Italy and France requires that lightweight plastic shopping bags are EN 13432 certified and other European countries are following suit.

#### Sustainability Benefits

Multiple use of compostable Biodolomer® bags for shopping and final use to collect food waste offers various environmental benefits.

- Compostable Biodolomer® pouches support citizens in safe and clean separate food waste collection. As a result, separately collected organic waste volume increases.

- Increased volume combined with greater public acceptance and collection rate of food waste leads to lower ecological footprint.
- Recycling of organic waste is more resource efficient than having it landfilled or incinerated.
- Compostable shopping bags offer a reduced carbon footprint, which allows savings of greenhouse gas emissions and combat climate change by
  - a) entering the natural carbon cycle by using renewable feedstock
  - b) carbon sequestration through composting;
- We offer pouches, bags and liners from 1 - 240 l.
- Read more at <http://www.gaiabiomaterials.com>

#### Fields of application

- T-Shirt bags
- Organic waste bags
- Shopping bags.

\* European Waste Framework Directive



Norm	EN 13432 (EU)	
Utfärdande- Enhets Name	TUV-Austria	
	OK COMPOST HOME	OK COMPOST INDUSTRIAL
Number		S0455

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