

GERRESHEIMER



ECO-friendly plastic packaging

- From sustainable and renewable biomaterials
- For pharmaceuticals and cosmetics



Protecting the environment

Eco-friendly plastic packaging for pharmaceutical and cosmetic applications



Environmental protection concerns and threats associated with climate change are what motivates Gerresheimer to help our customers to reduce energy and resource consumption. In this connection, Gerresheimer is launching eco-friendly plastic packaging solutions for pharmaceutical and cosmetic applications. By using biomaterials our customers contribute to the reduction of greenhouse gas emissions, and thereby protecting the environment and avoiding unnecessary waste.



BIOMATERIAL PRODUCTION

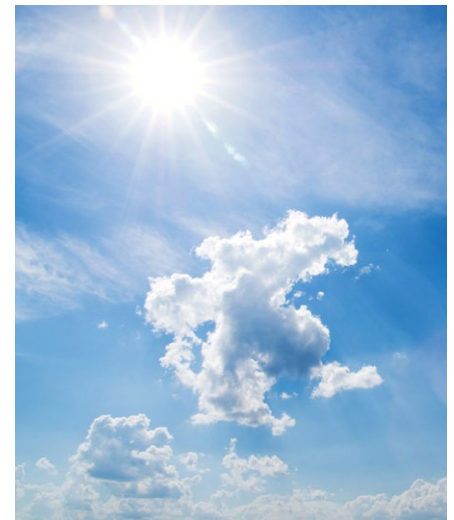
Sugarcane is one of the substances used to make biomaterials. You take the ethanol from the sugarcane plant and then put it through a dehydration process to transform it into green ethylene.

Afterwards the green ethylene goes to the polymerization plants, where it is converted into green PE/PET.



APPLICATION ASPECTS

- Eco-packaging can be used for pharmaceutical and cosmetic applications
- Products made of biomaterials have exactly the same characteristics as a conventional product
- Can be used on existing filling and packaging lines and does not require new investments
- Biomaterial packaging is of course fully recyclable



ECOLOGICAL ASPECTS

- Biomaterials are the renewable alternative to conventional PE/PET
- By using this biopolymer we can contribute to reducing the level of gas emissions (CO₂)



Gerresheimer Plastic Packaging

Further information
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