

Sustainable, bio-based material alternatives for cosmetic jars, tins and closures

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We are able and interested in developing individual packaging solutions together with our customers based on sustainable, bio-based and partly biodegradable innovative materials.

Below you will find an exemplary overview of the materials we have already tested and processed.

In principle, all shapes and sizes that can be produced by injection moulding are possible.

Below you will find examples/ samples of some standard products from our portfolio:

Luna – Series:



- Bio-based
- Material up to 95% sustainable (depending on granulate composition and the colour component)
- Available with 5ml, 15ml, 50ml volume
- Colouring in all colors possible
- Fully recyclable
- Not biodegradable

Sample 1 - Severa - Series

50 ml jar with closure and inner tray



- Biobased, up to 95% from renewable raw materials, here
- Cellulose (95%, depending on granulate composition)
- Available in 50ml o. 100ml
- Can be injection moulded in a wide variety of shapes and formats (depending on the mould)
- Any color design possible (except pure white)
- Can be printed as required
- Fully recyclable (with appropriate recovery system)

Sample 2

100 ml can/jar with screw cap



- Bio-based from renewable raw materials
- Completely organically degradable (industrially compostable)
- To be injection moulded in various shapes and formats (depending on the tool)
- Any color design possible (except pure white)
- Printable in any way
- Recyclable
- **100% microplastic free**

Sample 3

100 ml can/jar with screw cap



- Bio-based PE, made from renewable raw materials (cellulose), here sugar cane basis
- To be injection moulded in a wide variety of shapes and formats (depending on the mould)
- Any color design possible Also milky transparent possible, not crystal clear
- Printable in any way
- Good barrier properties, comparable with PE
- Outstanding chemical resistance

Sample 4

100 ml can/jar with screw cap



- Biobased polymer
- Not organically degradable
- Can be injection moulded in a wide variety of shapes and formats (depending on the mould)
- Any color design possible - even milky transparent, not clear
- Printable in any way
- Sufficient barrier properties
- Comparable with PP
- Recyclable

Sample 5

100 ml can/jar with screw cap



- ▶ Bio-based PLA
- ▶ To be injection moulded in various shapes and formats (depending on the tool)
- ▶ Crystal clear optics/transparent (<=> PP cloudy optics)
- ▶ Any color design possible
- ▶ Printable in any way
- ▶ Alternative to non-degradable PET

Sample 6

100 ml can/jar with screw cap



- ▶ PET recyclate
- ▶ Mineral oil based
- ▶ Can be injection moulded in a wide variety of shapes and formats (depending on the mould)
- ▶ Any color design possible (except pure white) - also transparent
- ▶ Printable in any way
- ▶ Recyclable