

FKUR

plastics - made by nature!®

Bioplastics for the packaging of cosmetic products

Biobased – Recyclable - Versatile



Perfect packaging is a harmonious combination of appearance, material and message.

In packaging design, aspects of sustainability, such as recyclability or resource efficiency are becoming increasingly important.

Especially with drop-in bioplastics*, sustainable concepts can be implemented in two ways. First, a bottle made of bioplastics consists of renewable raw materials and secondly, it can be recycled using existing recycling systems. In turn, the packaging itself becomes a valuable material which can be reused in the production of other products. Hence, creating a self-contained cycle modeled on nature.

* In this brochure the term bioplastics refers to plastics from renewable raw materials. Drop-in bioplastics are counterparts to conventional plastics and can be processed without any adjustments to machines and processes.

Bottles and tubes from renewable resources

Whether producing bottles with screw caps, pump dispensers or tubes with hinged closures - our granules offer the customary design freedom in the production of packaging.

The processing of drop-in replacement bioplastics is particularly simple (for example Green PE or Bio-PET), since - as to their technical performance - they do not differ from the corresponding petroleum-based plastics. In addition, they can be recycled together with conventional PE or PET.



Bioplastics for jars, containers with screw or push-on lids

Terralene[®], Bio-Flex[®] and Biograde[®] granules feature special haptics and offer cosmetic brands a tangible innovative packaging concept. They can easily be processed on existing production lines and formed into round or square, transparent or colored jars.

The shape, color and feel of the packaging transports the image of a product and bioplastics ideally support the sustainable message of a brand.



Bioplastics for decorative cosmetics and accessories

Mascara, lipstick and eye liner - within our extensive product portfolio we also have the right granules for the production of customized packaging of decorative cosmetics.

Plastics based on renewable resources add that certain something to accessories such as pocket mirrors, nail files or combs. Depending on the selected granules, consumers will immediately notice the difference in feel and value.



Our brands



PLA Blends



Cellulose Compounds



Natural Fibre Compounds



Green PE Compounds



Bio-TPE Compounds

Eastlon

Bio-PET



Bio-PE

- Biobased granules of the brands Bio-Flex® and Biograde®
- Fibrolon®: biobased plastics with natural wooden look
- Terralene®: tailor-made polyethylene compounds based on renewable resources
- Terralene® PP: partially biobased compounds on the basis of PP
- Terraprene®: TPE compounds on the basis of renewable resources with special „touch-and-feel“ experience
- Eastlon PET: highly transparent, recyclable Bio-PET from sugar cane ethanol
- Green PE: 100 % recyclable Bio-PE from sugar cane ethanol in LLDPE, LDPE and HDPE grades

Our bioplastics for your product

Brand	BCC [%]	Product		
		Bottles and tubes	Jars	Accessories
Bio-Flex®*	60–85	✓	✓	✓✓
Biograde®	65		✓✓	✓✓
Fibrolon®	20–60		✓✓	✓✓
Terralene®	60–95	✓✓	✓✓	✓✓
Terralene® PP	33	✓✓	✓✓	✓✓
Terraprene®	20–60		✓	✓✓
Green PE	80–98	✓✓	✓✓	✓✓
Eastlon	20	✓✓		✓

✓✓: suitable, ✓: suitable with restrictions

* Bio-Flex® F 6 and F 9 series



FKuR – The Bioplastic Specialist

We are happy to assist you in selecting the bioplastic that will best meet your requirements or provide you with a tailor-made formulation. As a full service provider, FKuR will give you all the necessary technical support to enable you to process your products optimally. We will be pleased to give you marketing advice on how to complement your marketing message in order to successfully position your product on the market.

Get in touch with us to find the perfect solution for your application.

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