

# FKUR

*plastics - made by nature!®*

## Play with Plastics!

Sustainable – Safe – Sophisticated



# Sustainable

Toys made from materials that conserve resources  
and are easy to recycle

The world we live in is unique, exciting and full of surprises. Children discover their world in a fun way by playing with toys, which generate curiosity and stimulate the imagination while having to withstand countless adventures.

Parents have a special responsibility towards their children. They care about their well-being, convey values and are role models. They do not buy just a simple toy, but an educationally valuable one that is child-friendly, harmless and sustainable. Toys that are made from renewable raw materials are suited to this claim, too.

Our bioplastics combine sustainability with trend-setting material properties that help to reduce CO<sub>2</sub> emissions.



# Safe

Toys made from materials that are BPA and plasticizer free plus certified to DIN EN 71-3

Children play with their toys not only in their hands, but also can put them in their mouths. Therefore, their toys must be high-quality, harmless and robust, but without sharp edges and harmful substances. Bioplastics from FKUR are “Made in Germany”.

As a medium-sized, privately owned company, we develop our products in line with the motto: best technical performance and reliability.

We understand that manufacturers’ requirements for good toys are high and that they do not compromise on quality and safety. With us, you are in a safe pair of hands, because we can advise you on the choice of raw materials, on the matching of the products and we can also accompany you in the marketing of products made from our bioplastics tailored to each target group.



# Sophisticated

Toys made from materials that are convincing due to their sophisticated technology

Our extensive portfolio of materials can be easily processed using common plastics processing methods and offers a limitless variety of designs thanks to its sophisticated technology. You also have a free choice for the colour scheme: from natural to coloured, from transparent to fully opaque, all options are available.

Also for the surface design countless variations between hard and soft as well as matt and shiny are possible. An individually embossed surface ensures a special touch and feel. Moreover, you can change the appearance of your product with a cool piano lacquer high gloss finish or warm wood look.

With FKUR bioplastics you will get high-quality toys that meet your needs exactly and that children will enjoy for a long time.



# Play with our bioplastics!

Make your own choice, combine materials and applications as you need and design sustainable, safe and sophisticated toys!

Brand	Bio-based carbon content [%]	Biodegradable	Application			
			Injection moulding	Thermoforming	Profile extrusion	Blow moulding
Bio-Flex®	10–85	✓	xx	xx	xx	x
Biograde®	65	✓	xx	o	x	o
Fibrolon®	20–60	(✓)	x	o	x	o
Terralene®	60–95		xx	x	xx	xx
Terralene® PP	33		xx	x	xx	x
Terraprene®	20–60		xx	o	xx	x
Green PE	80–98		xx	x	xx	xx
Bio-PET	20		o	x	o	x

xx = suitable, x = limited suitability, o = not recommended, (✓) = not all grades





# FKuR – The Bioplastic Specialist

As a full service provider FKuR  
will give you all the necessary technical support  
and marketing advice to enable you to process  
and sell your products successfully.

We will be happy to assist you in selecting the material  
that will best meet your requirements or provide you with a  
tailor-made formulation.

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

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