

Biocycle is an **Environmentally Friendly**
Recyclable Product



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Ecology, the way of transferring world resources to future generations

Ecology is a field of science that examines the relationships of all living things in nature, including humans, with other living things in the nature they live in.

Ecology, which includes everything living and non-living in nature into the system, enables to increase the quality of life of living things and to determine the necessary methods for the protection of natural balance in the light of new information.

In order for all living things to survive, they must correctly utilize natural resources and protect these means.



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So, what is Ecological Product?

Ecological product, in all stages from seed to harvest and from harvest to consumer in agricultural products; are products produced without the use of any chemical inputs, additives and methods that are harmful to the ecosystem and human health.

When used in the field of textile, chemistry and production, it is called a product class that does not harm nature, recycled and does not contain substances that can be harmful to human health, and has complete chemical safety.







Biopolymers are
biomaterial produced **by**
living organisms.

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Use ecological product, provide contribution to **the protection of nature**

Today, the importance of ecological products has started to increase with each passing day. The protection of polluted and depleted natural resources has become even more possible with the use of ecological products.

In addition to this, it is seen that agricultural products are more nutritious in terms of minerals, vitamins, antioxidants and dietary fibers that they contain with organic production. Therefore, the positive effects of ecological production on human health are also revealed.

Biocycle, which comes from nature to your sleeping environment, is a textile product that contributes to the protection of the environment with its recyclable structure. The biopolymer is synthesized from regenerable and renewable raw materials. Therefore, it is an environmentally friendly product with its natural and bio-recyclable structure.

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Comfort in your sleeping environment with **Biocycle**

In addition to being environmentally friendly, Biocycle brings comfort to your sleeping environment with the soft feeling it leaves when you touch the fabric.

It increases your sleep quality by bringing you the comfort you need during the sleep process, which is important for a healthy life.





The aim of ecology is to increase the quality of life of the living things in it, taking into account the ecosystem resource consumption.

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Discover the healing source features of **Biocycle** **for your sleep and nature**

— Contributes to the protection of ecological balance.

— Provides less natural resource consumption.

— With the Ultraviolet (UV) resistance of Biocycle, the resistance of the fiber, yarn or fabric against UV rays has been increased.

— Provides economic contribution by collecting recycling wastes.

— Reduces environmental pollution.

— Prevents wastes that harm human health.

— Increases energy efficiency.



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No place for bacteria in your sleep

With its bacteriostatic feature, Biocycle prevents the proliferation of bacteria and the formation of bacteria.

Discover the 100% recyclable Biocycle technology to benefit from the healing effects of sleep in a bacteria-free environment.

Biocycle,
Biodegradable
product that
continues its
cycle in nature

OEKO TEKSTIL 100 has Class 1 certificate

Flammability	Medium smoke Melts	High smoke Burns 6 min. After flame removed	Low smoke; Burns 2 min. After flame removed	Burns	Burns	Burns	Burns slowly; Self-extinguishing
Fiber Property	NYLON 6	PET	PLA	RAYON	COTTON	SILK	WOOL
LOI (%)	20-24	20-22	26-35	17-19	16-17	-	24-25
UV Resistance	Poor	Fair	Excellent	Poor	Fair-Poor	Fair-Poor	
Refractive Index	1.52	1.54	1.35-1.45	1.52	1.53	1.54	1.54
Contact Angle (°)	70	82	76	-	-	-	-
Wicking L-W slope Higher slope More wicking		0.7-0.8 (no finish)	6.3-7.5 (no finish) 19-26 (with finish)				

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