

omniTeksas

JERSEY FABRICS SINCE 1928

New Biodegradable Polyamide and RWS Wool Blends

Understanding the impact that post-consumer textile has on future generations leads scientists to invent such new solutions as Synthetic Biodegradable Polyamide.

ADVANTAGES OF BIODEGRADABLE POLYAMIDE

- After being disposed to the landfills biodegradable polyamide biodegrades in around 3-5 years, while regular synthetic yarn takes more than 50 years to biodegrade
 - Biodegradable polyamide turns into biomass and biogas that can be used as a new resource for the environment while regular polyamide does not give back to the soil and can even disseminate harmful substances
-

OUR NEW BIODEGRADABLE POLYAMIDE AND RWS WOOL BLEND

Recycling problems of textile materials lead us to re-think what kind of blends we should make to provide benefit for both the soil and the consumer.

By replacing regular polyamide – that is needed to ensure good mechanical properties of the knitted material – with a new generation biodegradable polyamide and mixing it with RWS wool we produced a fabric that can ensure garments made from it will biodegrade more fast than ever and leave less trace on the Earth.

Our Responsible Wool Standard ensures that the wool we use comes only from responsible farms where no harm is done during the life of the animal. This choice helps us create products of excellent comfort, look, thermal regulation, functionality while contributing to the preservation of environment for the future generations.

The blends of natural and biodegradable fibers can be used in fashion, sportswear as well as hosiery.



**WOULD LIKE TO RECEIVE A SAMPLE?
Contact us: erika.b@omniteksas.it**