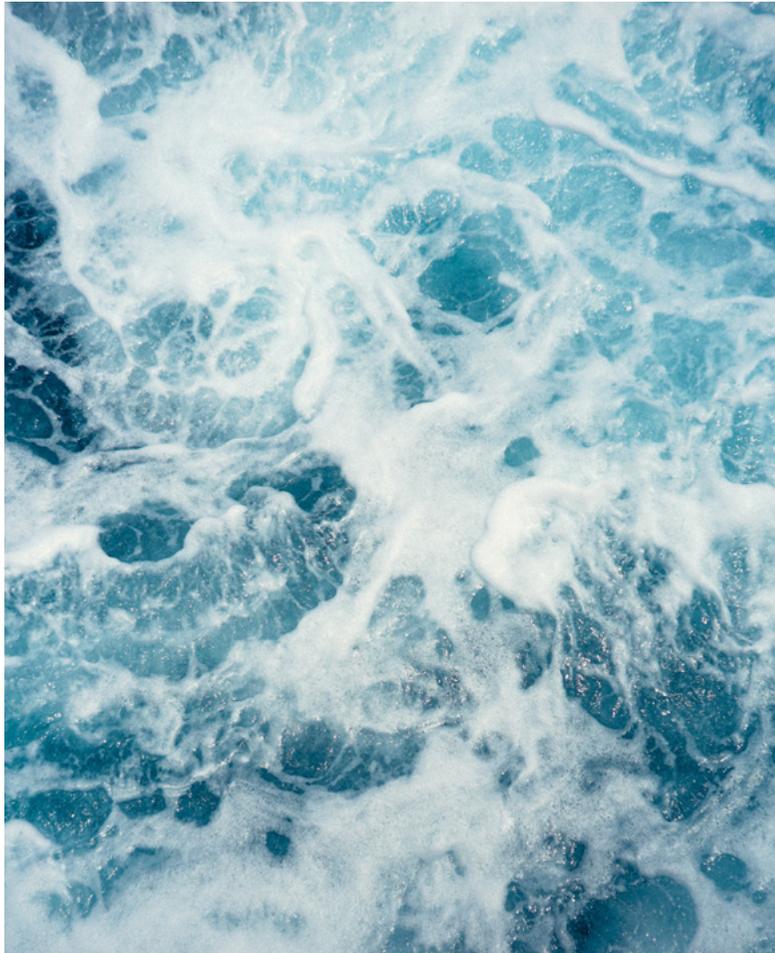




LET'S FIX
POLYESTER
TOGETHER



Every single day enormous amounts of polyester fibers worldwide end up in landfills or get flushed into the oceans, and eventually these fibers will end up on our own plates.

That's why we need to fix polyester – now.

Actually, by adding PrimaLoft® Bio™ to our products, we already have. Or at least we have come as far as to lower the lifetime of polyester left in our landfills and oceans from an estimated timespan of 1000 years. In accelerated test conditions, PrimaLoft® Bio™ fibers reach near complete biodegradation in under two years, while standard polyester remains almost entirely intact*. That is highly positive news for the planet and its increasingly critical inhabitants.

The purpose of this invention was not to give a worldwide permission to litter and to speed up consumption. It's the exact opposite.

By adding PrimaLoft® Bio™ to as many polyester-based products as possible we aim to help minimize plastic pollution by lowering a product's negative impact to as close to 0% as possible – during its lifetime. And by doing so we strive to make consumers appreciate and value their products even more – as well as their favorite brands.

To some, this might seem a little too good to be true. But the tests don't lie and nature can't wait much longer for us to fix the problem with polyester.

* www.fiberpartner.com



BIODEGRADABLE SYNTHETIC FIBER

Specifically designed to biodegrade*
in the environments where most textiles
end up.



OCEAN WATER



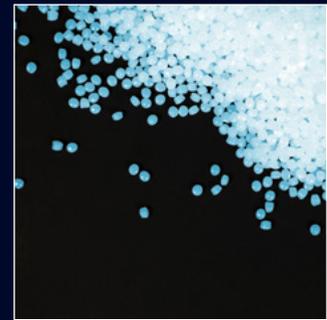
WASTE WATER



LANDFILLS

*93.7% biodegradation in 646 days under ASTM D5511 conditions (landfill environment);
76.6% biodegradation in 973 days under ASTM D6691 conditions (marine/ocean environment).
The stated rate and extent of degradation does not mean that the product will continue to degrade.

Biodegrading in a hydro-degradation-process only, PrimaLoft® Bio™ eventually leaves no traces of microplastic behind.



SUPPLY

Many types available from several locations worldwide – virgin and recycled from a controlled supply chain.

STORAGE

Comes in normal bales and has a normal shelf life with no need for special care or treatment during storage and transportation.

PRODUCTION

Same characteristics and performance as regular PET fibers with the same output and same whiteness. Blends well with natural fibers.

IN USE

Fibers in products do not biodegrade during usage. Microplastics that leave products ending up in landfills or oceans will biodegrade. No special care required.

RECYCLE

Can be chemically recycled and fits perfectly in a Circular Lifespan.





POWERED BY  **PRIMALOFT. BIO™** TECHNOLOGY

POLYESTER IS NO LONGER INVINCIBLE

The additive in PrimaLoft® Bio™ PET fibers serve as food for microbes to consume and thereby dramatically speeding up the biodegradation process of the fibers. In accelerated test conditions, PrimaLoft® Bio™ PET fibers reach near complete biodegradation* in under two years, while standard polyester remains almost completely intact.

RAW MATERIAL	ORIGIN	TYPE	DENIER	COLOUR	PROCESS	APPLICATION
PET	recycled + virgin	solid	1,5 - 20	white, black and colours	thermobonding, needlepunch, Spunlace	wadding, filtrations, insulation, automotive, acustics, filling, wipes
PET	virgin	solid	1,5 - 6	white	airthrough	ADL, hygienic, medical
PET	recycled + virgin	solid	1,2 - 1,5	white	spinning	yarns
PET	recycled + virgin	hollow conjugated	3 - 15	white	filling, blowing, carding	duvets, quilts, pillows, wadding, hygeinic
PET	recycled + virgin	solid micro	0,9	white	fiberfill	duvets, quilts, pillows
PET	recycled + virgin	hollow	4 - 15	white	filling, blowing, carding	quilts, insulation
PET	virgin	bico - low melt	2 - 6	white, black	thermobonding	wadding, insulation, hygienic

*93.7% biodegradation in 646 days under ASTM D5511 conditions (landfill environment); 76.6% biodegradation in 973 days under ASTM D6691 conditions (marine/ocean environment). The stated rate and extent of degradation do not mean that the product will continue to degrade.

 **FIBER** PARTNER®

WE KNOW HOW

Contact us for any special requirements:
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