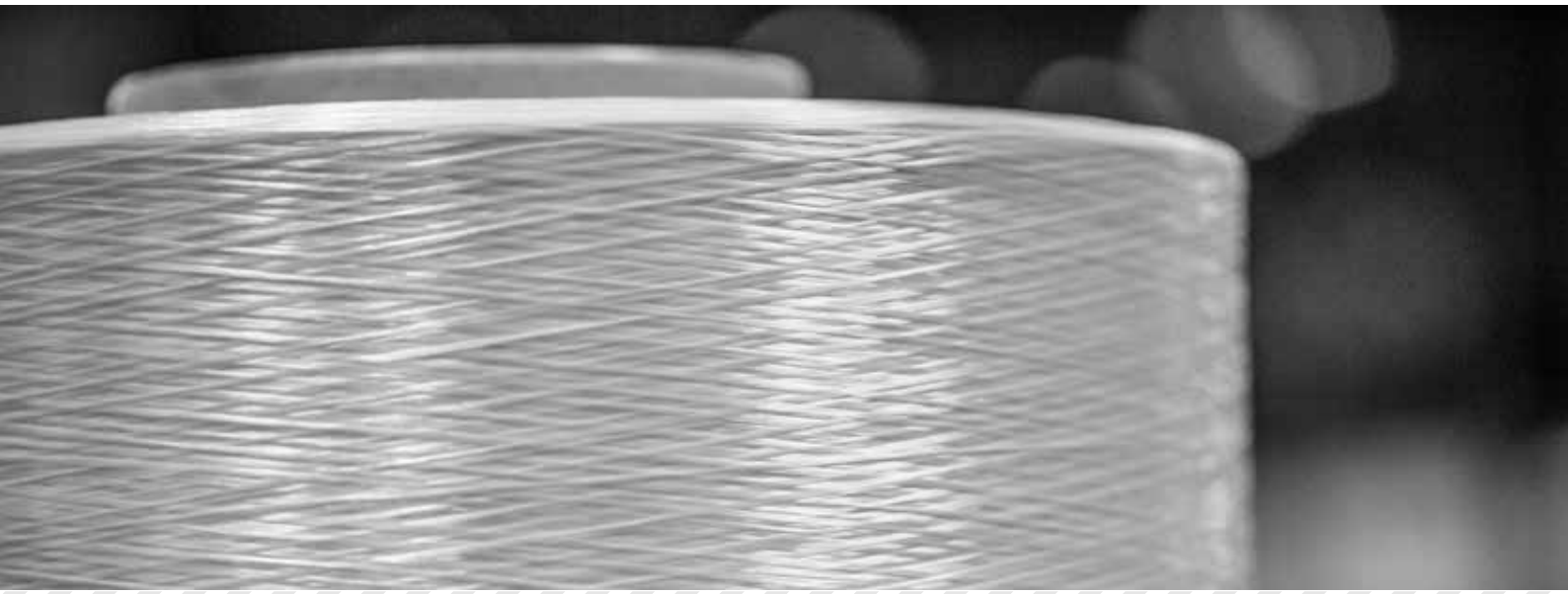
Regenerated Nylon 6 BCF

Thanks to a new collaboration with Aquafil Group, Eurotexfilati offers a new range of processed yarns made of ECONYL®.

It is a regenerated nylon 6 produced from nylon pre- and post-consumer waste. ECONYL® has exactly the same characteristics as virgin nylon 6 and can be recycled, recreated and remoulded again and again. The infinitely recyclable nylon 6 could be a good alternative choice to support the circular economy in ropes and nets industries and other markets.

REGENERATED PA6 BCF ECONYL® - INTERMINGLED

Technical Characteristics	Method	Unit	Value
COUNT	DIN 53830 modified	dtex	1000 ± 30
FILAMENTS OF THE YARN	/	Nr.	42
TENACITY	/	cN/dtex	4,5 ± 0,5
ELONGATION	/	%	35
CRIMP	DIN 53840/2 modified	%	< 3
SPIN FINISH CONTENT	WIRA System	%	< 1



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ECONYL®
ENDLESS POSSIBILITIES

THE ECONYL® REGENERATION SYSTEM

1 RESCUE

The ECONYL® Regeneration System starts with rescuing waste otherwise polluting the Earth, like fishing nets, fabric scraps, carpet flooring and industrial plastic all over the world. That waste is then sorted and cleaned to recover all of the nylon possible.

2 REGENERATE

Through a radical regeneration and purification process, the nylon waste is recycled right back to its original purity. That means ECONYL® regenerated nylon is exactly the same as fossil-based nylon.

3 REMAKE

Remake ECONYL® regenerated nylon is processed into yarns and polymers for the fashion, interior industries and also for technical applications such as ropes and nets.

4 REIMAGINE

Fashion brands and carpet producers use ECONYL® regenerated nylon to create brand new products. And that nylon has the potential to be recycled infinitely, without ever losing its quality. The goal is that once all products containing ECONYL ® are no longer useful to customers, they can go back into step one of the Regeneration System.