

Recycled yarns
for sustainable
textiles



YNVIRON™

by
ANTEX

As a result of economic growth and the impact of consumer society, the ecosystem is increasingly threatened.

Sustainable innovation

We are an environmentally conscious company always ready to tackle future challenges. We are committed to reducing energy consumption and pollution through the integration of sustainable processes and technologies that are more respectful

to the environment: **solution dyed colours** - a direct method of colouring during the extrusion process instead of traditional water based dyeing, and **recycling process** of post-industrial and post-consumer waste to avoid the use of virgin polymer.

Reduction % vs virgin polymer	 CO ₂ emissions <small>(Global warming)</small>	 Water consumption	 Electricity consumption
Post-consumer recycled yarns YNVIRON, SEAQUAL	37 %	34 %	40 %
Pre-consumer recycled yarns YARNBACK	53 %	42 %	49 %
Solution dyed yarn YNMAS	31 %	88 % <small>(Values according to Antex internal processes)</small>	

Is the range of recycled yarns that we can offer to our customers, fulfilling the quality requirements and the design and performance needed for each application.

This ensures that the company can:

- Offer products that comply with the environmental conservation standards established by the European Union
- Contribute to reducing energy consumption and saving water
- Reduce greenhouse gas emissions
- Conserve non-renewable natural resources
- Reduce the ecological impact of non-biodegradable waste

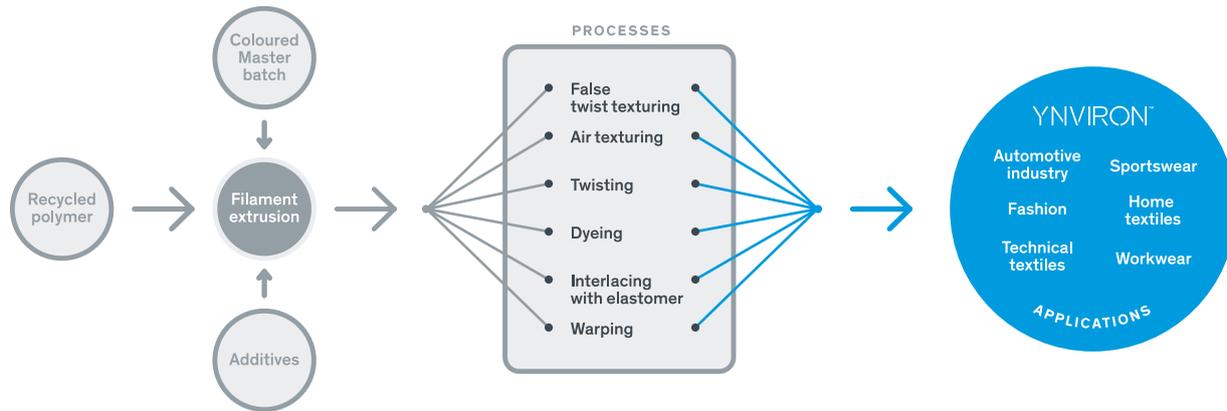
Waste is shredded and extruded before being reprocessed and converted into polymer chips which can be used again in a wide range of products



YNVIRON™ process

In our recycled product line, we use post-industrial waste from the textile chain and material obtained by selective PET packaging collection. Thanks to the diverse origin of these materials, we are able to cover a wide range of products while completing the textile chain recycling circle.

In order to offer products that meet the specifications of our customers, YNVIRON™ production processes include polymer filtration and processing systems that prevent its degradation making it possible to obtain products with the same properties as yarn from virgin polymer.



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