



Bottle of TODAY Yarn for TOMORROW

RECYCLED

- PET Bottle Flakes
- PCR rHDPE Granules
- Polyester Staple Fibers
- Polyester Filament Yarns
 (POY / FDY / DTY / ATY / ACY)
- Polyester FDY Ropes
- Polyester Fabrics

www.alliancefibres.com



CERTIFIED BY











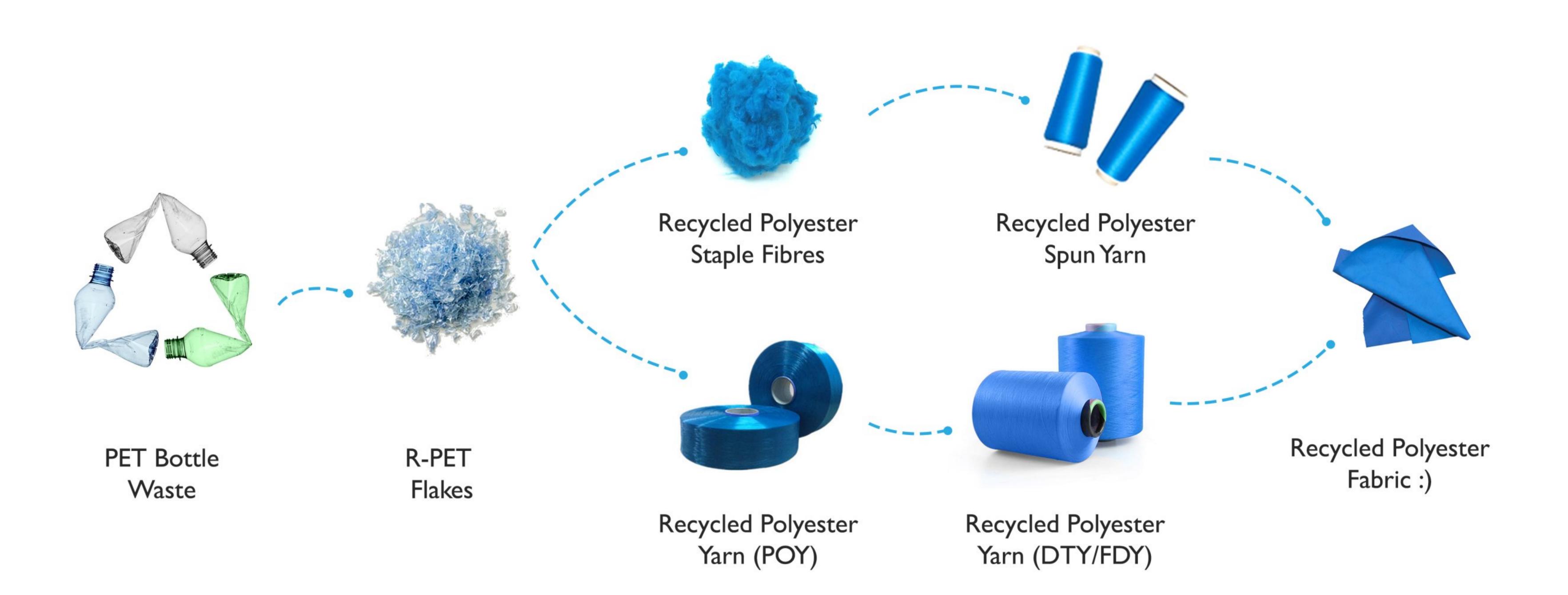








THE GREENFIL WAY



What is Greenfil Way?

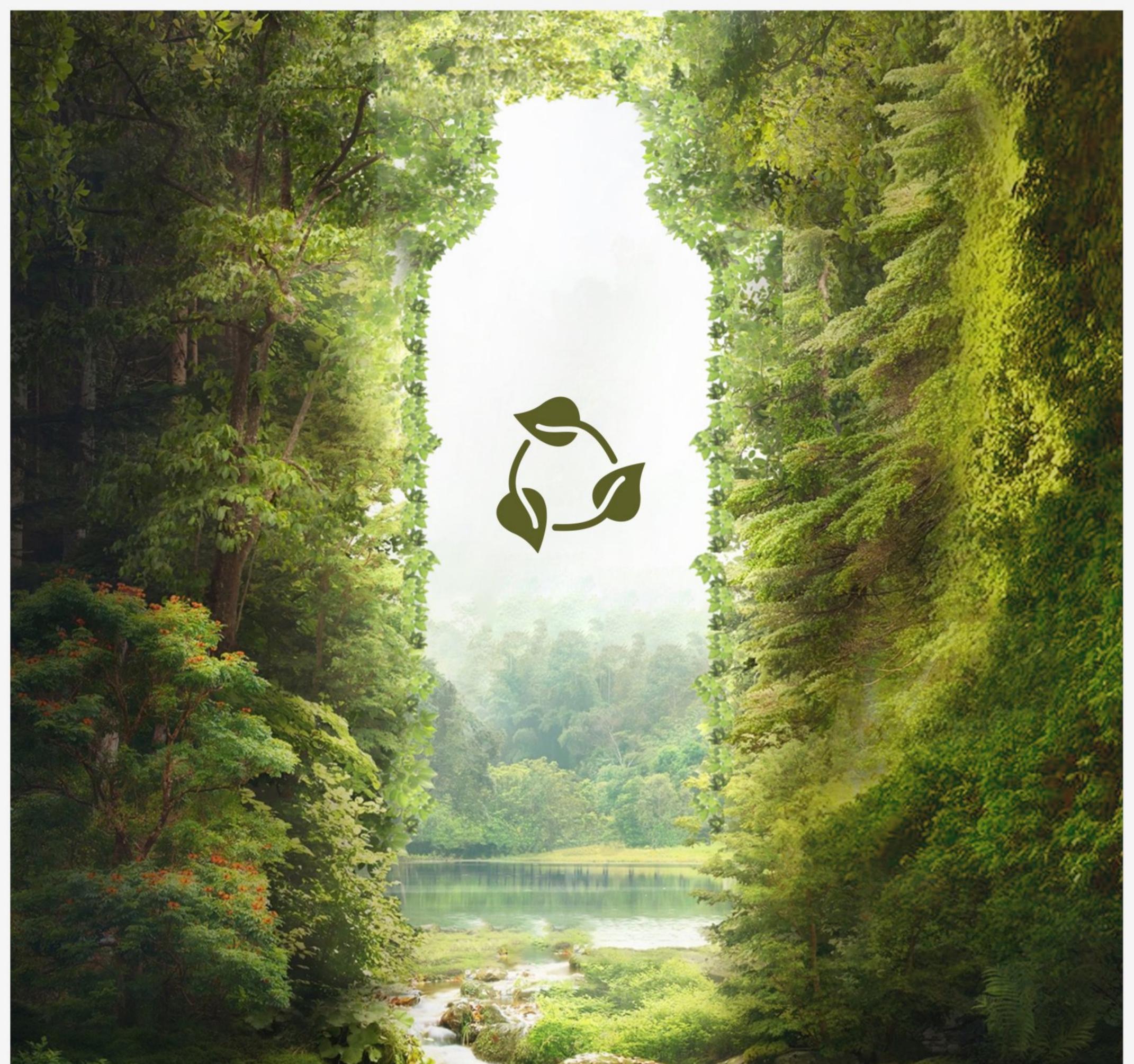
GreenFil is the official sustainable brand of Alliance Fibres Limited. It symbolizes the product which is made by ethical recycling of post consumer PET bottles which are damaging the nature and earth eco-system by polluting to the land, rivers and oceans.

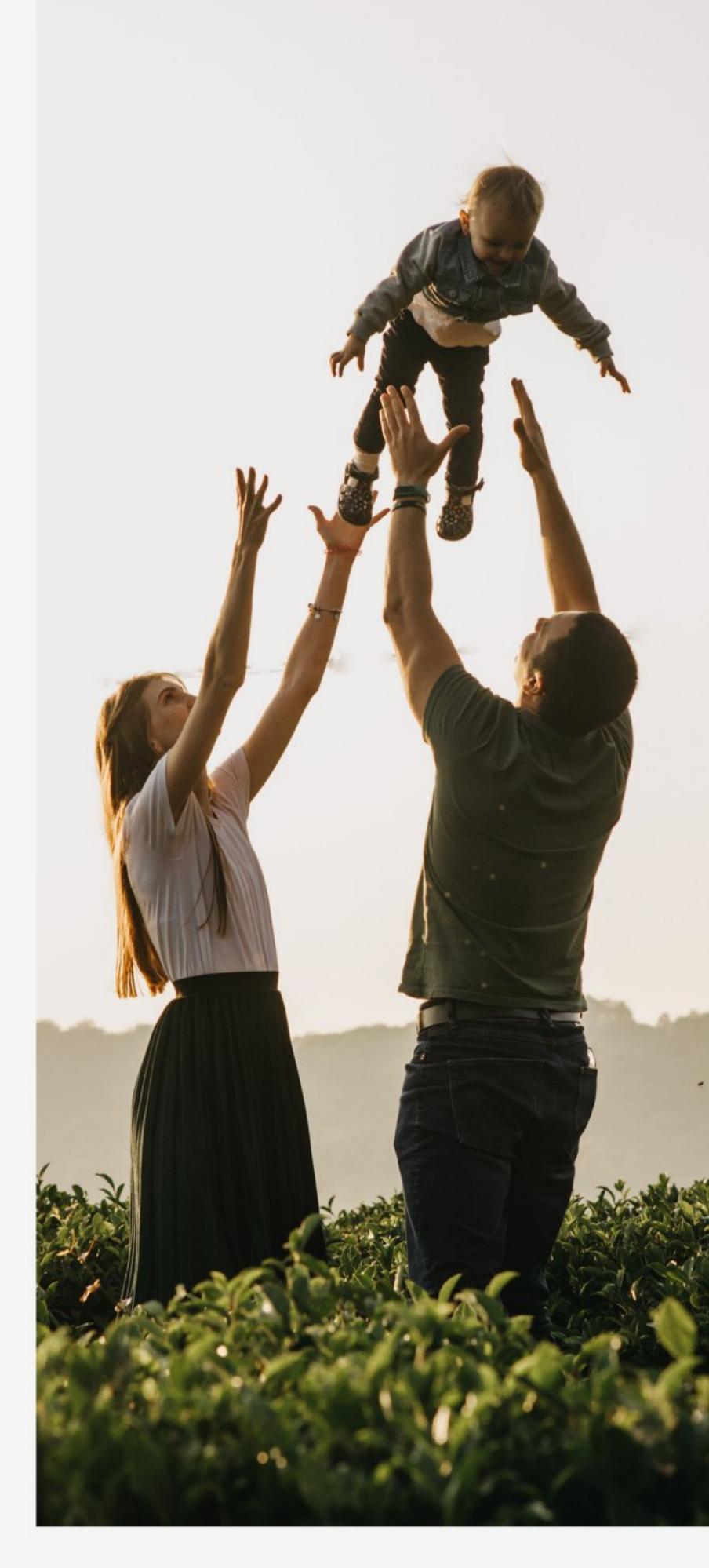
We collect such bottles with the help of waste management supply chain partners and converting such wastes into the wearable green textile products. The way of converting waste into the sustainable products is defined as GREENFIL WAY.

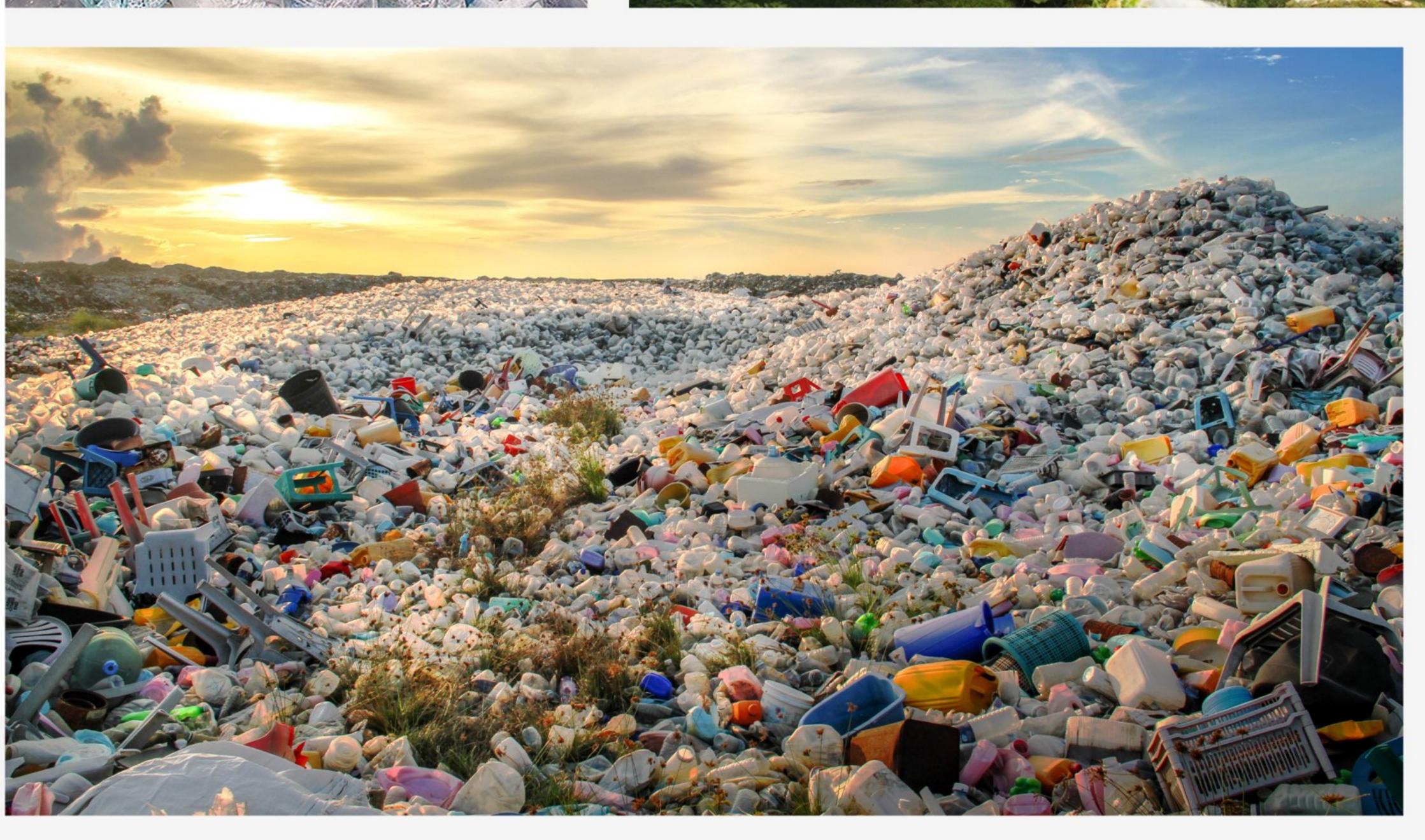
The GREENFIL Products Range:

- I. r-PET FLAKES
- 2. PCR rHDPE Granules
- 3. RECYCLED POLYESTER STAPLE FIBRES
- 4. RECYCLED POLYESTER FILAMENT YARNS (POY / DTY / FDY / ATY / ACY)
- 5. RECYCLED PET FDY TWISTED ROPES
- 6. RECYCLED POLYESTER FABRICS (WOVEN / KNITTED)











STRIVING FOR SUSTAINABLE GROWTH

Alliance Fibres Ltd was established in 2006 as INDIA's Third PET Recycling Plant for the cause of sustainability.



Recycling
5 million+
Bottles/day



Saving

6 yards Space

by recycling 1MT PET Waste



Conserves

3.8 barrels oil

by recycling 1MT PET Waste



Reducing

Carbon Footprint

by recycling PET waste



One bottle at a time!

RECYCLED Partialy Oriented Yarn (POY)

Polyester Partially Oriented Yarn, commonly known as POY, is the primary form of the Polyester Yarn. POY is mainly used in texturizing to make textured yarn, also known as Polyester Draw Textured Yarn. POY can also be used in draw warping for weaving & warp knitting of fabrics.

POY Yarn is available in different luster like Semi-dull & Bright. POY yarn is mainly available in Raw White color. We also make recycled dope-dyed POY yarn by adding master batch in the spinning process. As on today, total production capacity of POY yarn is 14,000 MT. In future, we are planning to install more lines of POY.



"GreenFil POY yarn is made out of 100% PET Flakes as the raw material making it eco-friendly yarn"









Product List

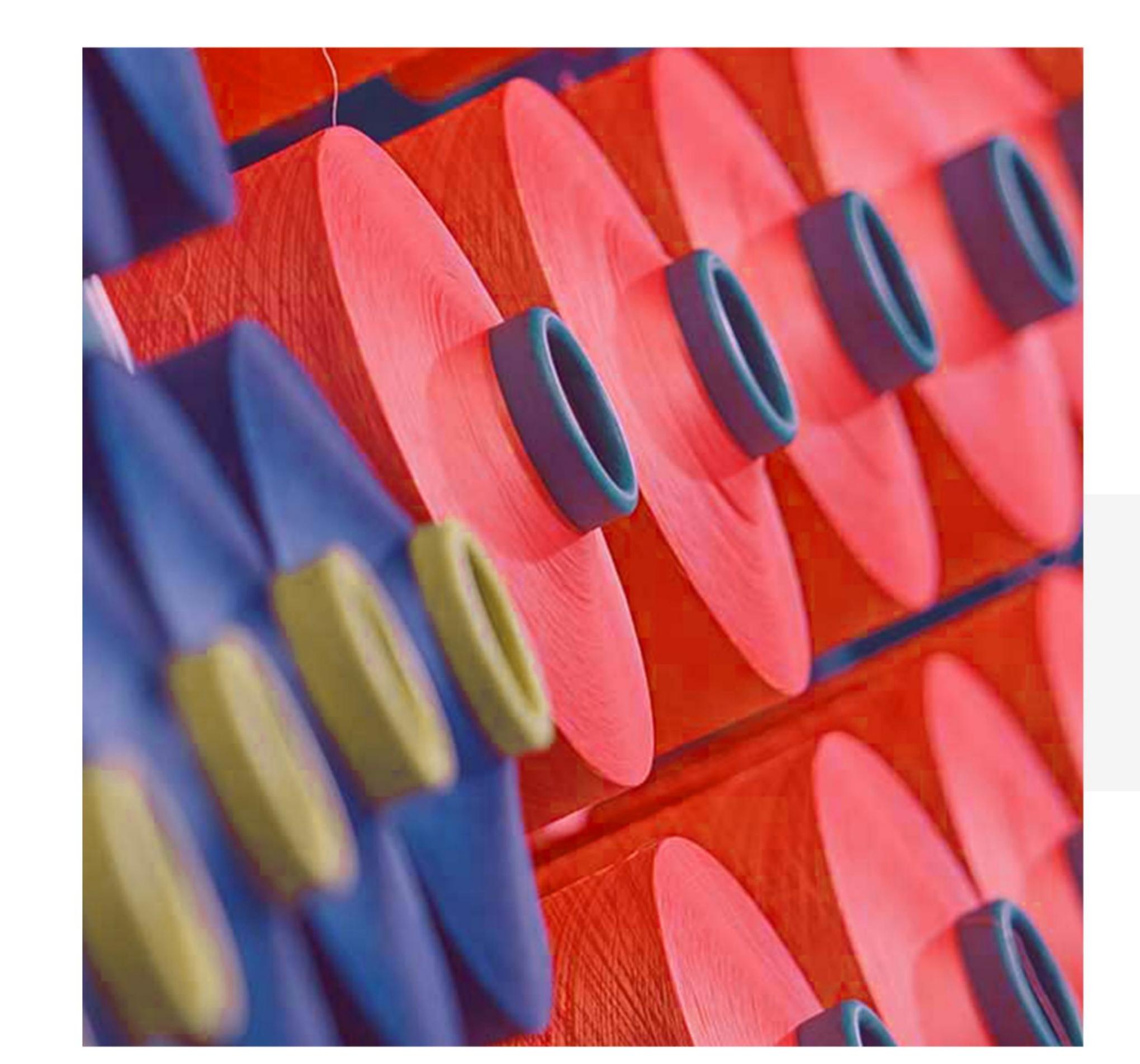
LUSTER	DENIER	FILAMENT	GPD	ELONGATION %	USTER %	SPOOL WT.
BRT / SD / DDB / DD	80	24 / 36 / 48	2.5±0.2	130±5	≤ 2.5	I0 KG
BRT / SD / DDB / DD	125	36 / 48 / 72	2.3±0.2	135±5	≤ 2.5	I0 KG
BRT / SD / DDB / DD	160	36 / 48 / 72 / 96	2.3±0.2	135±5	≤ 2.5	I0 KG
BRT / SD / DDB / DD	250	48 / 72 / 96 / 108 / 144	2.2±0.2	I40±5	≤ 2.5	I0 KG
BRT / SD / DDB / DD	330	48 / 72 / 96 / 108 / 144	2.2±0.2	I40±5	≤ 2.5	10 / 20 KG
BRT / SD / DDB / DD	500	72 / 96 / 108 / 144	2.2±0.2	I40±5	≤ 2.5	10 / 20 KG
BRT / SD / DDB / DD	700	144 / 192 / 216	2.2±0.2	145±5	≤ 2.5	20 KG

^{*} DENIER ± 2%, M.O.Q: 5 MT

We can also develop special yarns of customized color & denier on request.

RECYCLED

Draw Texturized Yarn (DTY) Fully Drawn Yarn (FDY) Air Textured Yarn (ATY)



Recycled Polyester DTY yarn is mainly used in weaving & knitting of fabrics for making clothes, home furnishing, seat covers, bags and many other applications.

Technical Property of DTY yarn can be moulded in several ways to make the yarn suitable for its vast applications.



"Greenfil DTY yarn is obtained by using world-class recycling technology to convert PET waste into the Best"



Manufacturing of Recycled Polyester Yarn has approx. 60% less CO, emissions compared to Virgin Polyester Yarn.

Product List

LUSTER	DENIER	FILAMENT	GPD	ELONGATION %	SHRINKAGE	SPOOL WT.
BRT / SD / DDB / DD	50	24 / 36 / 48	> 3.7	22 ± 4%	2.8 ± 0.5	2.5 / 5 KG
BRT / SD / DDB / DD	75	36 / 48 / 72	> 3.7	22 ± 4%	2.8 ± 0.5	2.5 / 5 KG
BRT / SD / DDB / DD	100	36 / 48 / 72 / 96	> 3.9	25 ± 4%	2.8 ± 0.5	2.5 / 5 KG
BRT / SD / DDB / DD	150	48 / 72 / 96 / 108 / 144	> 4.0	22 ± 4%	3.0 ± 0.5	5 KG
BRT / SD / DDB / DD	200	48 / 72 / 96 / 108 / 144	> 4.0	22 ± 4%	3.0 ± 0.5	5 KG
BRT / SD / DDB / DD	300	72 / 96 / 108 / 144	> 3.8	24 ± 5%	3.5 ± 0.5	5 KG
BRT / SD / DDB / DD	450	144 / 192 / 216	> 3.8	24 ± 5%	3.5 ± 0.5	5 KG

^{*} Denier ± 3%, * O.P.U - 1% To 2.5% Depending On Denier & End Use, M.O.Q: 5 MT

^{*} Nips - 60 To 120 Points Depend Upon The End Use, * Intermingling - NIM / LIM / HIM



Our GreenFil Yarn has special characteristics:



Natural Look



Touch



Controlled Elongation



Dyeable



protected

Industries in which our GreenFil yarn can be effective:



Garments



Technical Wears





Performance Wears



Automotive **Applications**



Bedding & Bathing



Elastic Tapes & Labels

Our GreenFil Yarn has wide range of applications:

- Weaving & Knitting Fabrics
- Garments Inner & Outer
- Stitching Threads
- Home furnishing
- Elastic Tapes & Labels
- Footwear
- Zipper
- Socks

- Seat Covers
- Sportswear & Swimwear
- Carpets & Rungs
- & many more...



















Corporate Office: Plot No. 1,2,7 & 8, Block No. 203P, Mota Borasara, Kim, Tal - Mangrol, Dist. Surat, Gujarat (INDIA) - 394110





PLANT **ADDRESS**

Plot No. 1,2,7 & 8, Block No. 203 & 208, Mota Borasara, Kim, Tal - Mangrol, Dist.

Surat, Gujarat (INDIA) - 394110

TEL

+91 2621 297 007 / +91 93756 22002

EMAIL

info@alliancefibres.com

WEB

www.alliancefibres.com

SCANTO **VISIT** WEBSITE



PLANT

ADDRESS

Block No. 214, Mota Borasara, Kim, Tal - Mangrol, Dist. Surat, Gujarat

(INDIA) - 394110

TEL

+91 93277 83414 / +91 99133 57965

EMAIL

info@alliancerecpet.com

WEB

www.alliancerecpet.com

SCANTO VISIT WEBSITE

