



NA NYA PLASTICS CORP.



# 100% Post-consumer PET Bottle Recycled Polyester



POLYESTER FIBER DIVISION

# ECOGREEN—Recycled Polyester



## **The Guardian: PET Bottles swallowing the Earth**

- 1 Million PET Bottles Are Bought Every Minute
- Year Consumption > 500 Billion in 2021
- <50% are Recycled, 7% Turned into New Bottles, the Others End up in Landfill or in the Ocean
- Completely Degrade Is at Least 450 Years



**It's Time to Do Something.....**



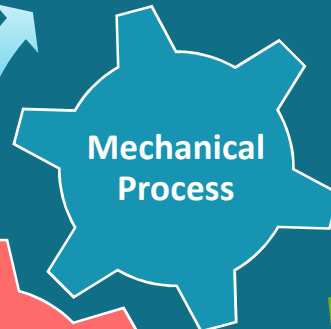
# ECOGREEN—Recycled Polyester

**ECOGREEN® —**

Recycle Post-consumer PET Bottles  
to Performance Filament & Fiber



**ECOGREEN® -plus**

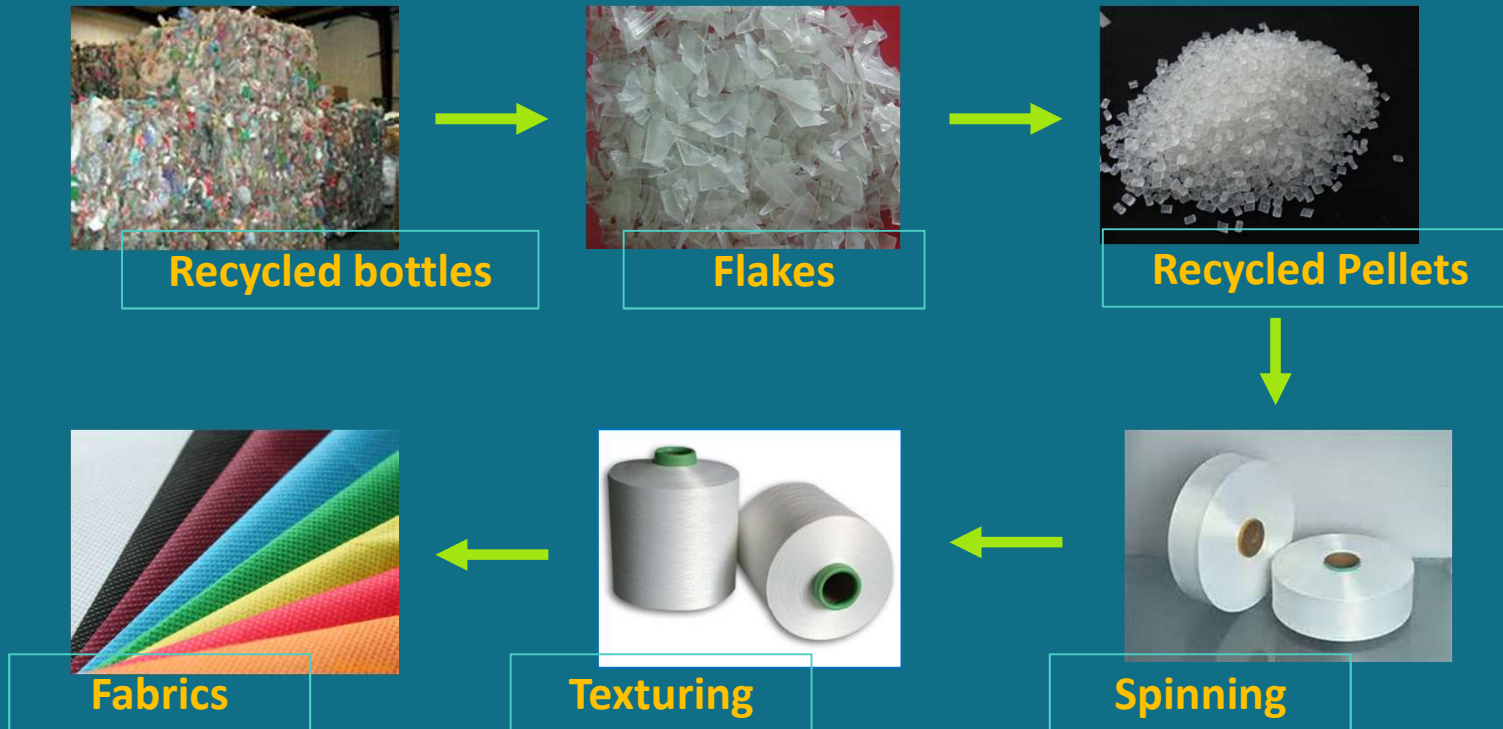


**ECOGREEN®**



# ECOGREEN—Recycled Polyester

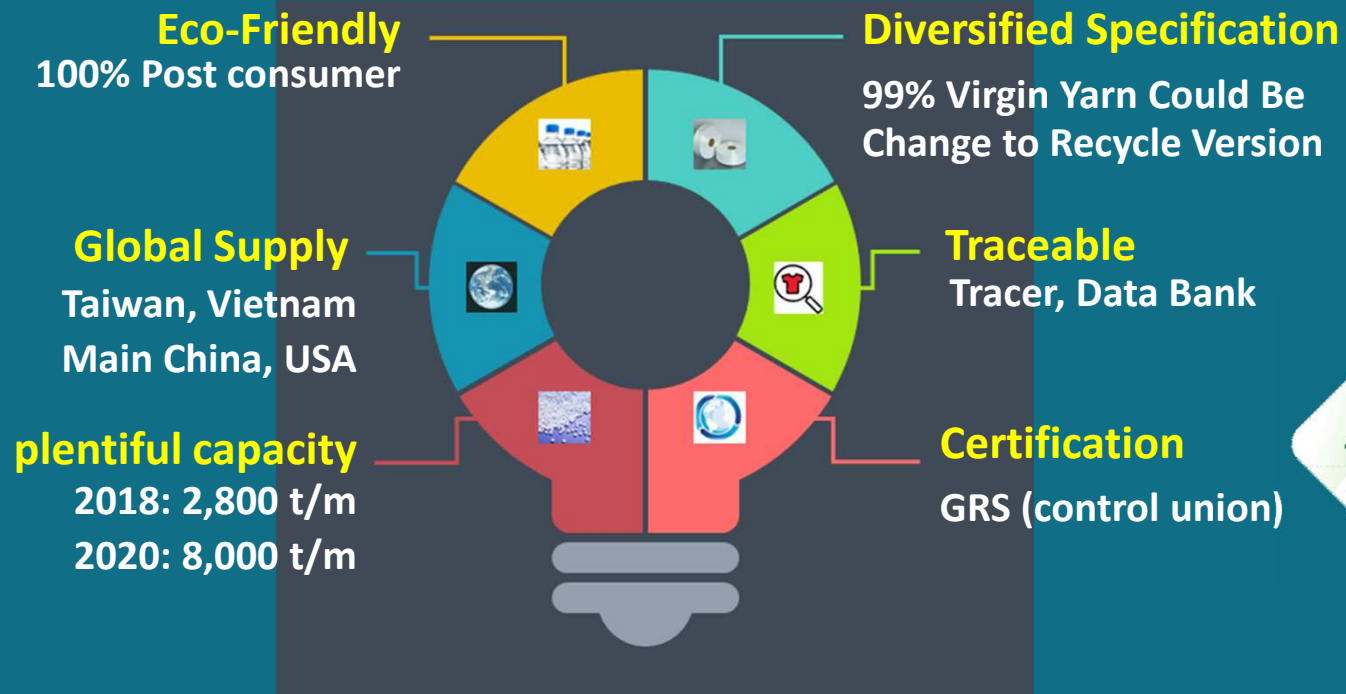
## Process of Regeneration



# ECOGREEN—Recycled Polyester



## Why ECOGREEN Is Better ?



# ECOGREEN—Recycled Polyester



## Diversified Specification of ECOGREEN

Type		Specification
Fine denier	DTY	20/18, 20/24, 20/72, 30/36, 40/36, 40/72
	FDY	10/12, 15/12, 15/36, 20/24, 20/48, 30/24, 30/48, 40/12, 40/72
Microfiber	DTY	35/144, 50/144, 55/216, 75/144, 150/288
	FDY	30/72, 50/144, 75/144
Full dull	DTY	30/36, 75/36, 75/72
	FDY	40/24, 50/48
CD	DTY	50/48, 75/36, 75/72, 150/48
	FDY	30/12, 30/48, 50/48, 75/72

# ECOGREEN—Recycled Polyester



## Diversified Specification of ECOGREEN

Type		Specification
CD mix	DTY	75/72/2
Cross section	DTY	75/48+, 75/72+, 75/30 wave
	FDY	23/24 wave FDY, 30/48Y, 20/36Y
Stretch	DTY	50/36 PTT/PET, 75/48 S/S, 75/72 HCR
Dope Black	DTY	75/36, 100/36, 150/36/2, 80/30 wave

# ECOGREEN—Recycled Polyester



## Traceability

- Tracer

The unique tracer of Nan Ya in recycled filament

- Data bank

Production information is recorded and can be traced from customer, eco-filament to eco-pellet

# Traceable





# ECOGREEN—Recycled Polyester

**receipt record of of Japan rec. pellets**

廠別: 4 收料期間: 10404 ~ 10608 採購案號: ALL 材料代號: 4Y30

採購案號	pellets lot	材料部門	收料日期	invoices	TCNO	原粒批號	轉批號	轉批量
PN5GC5-01	4Y30	5410	1040408	EGM1501-1	488319	72000	PN5GC5-02	72000
PN5GC5-02	4Y30	5410	1040518	EGM1501-2	494411	72000	CN5400	2183
GN50Q4-01	4Y30	5410	1040714	EGM1502-1	515888	96000	GN50Q4-04	96000
GN50Q4-02	4Y30	5410	1040817	EGM1502-2	531422	96000	GN50Q4-04	31000

**production record of rec. FDY**

生產批號: L9111

產品	date	yarn lot	規格	pellets lot	材料代號	N 05採購案號	原粒批號	原粒規格	pellets usage volume
B	10411	L9111	BYCKD0400121R	4Y30	GN50Q4-02				134.0
B	10412	L9111	BYCKD0400121R	4Y30	GN50Q4-02				44086.0
B	10501	L9111	BYCKD0400121R	4Y30	GN50Q4-02				13657.0

**shipping record**

生產批號: L9111

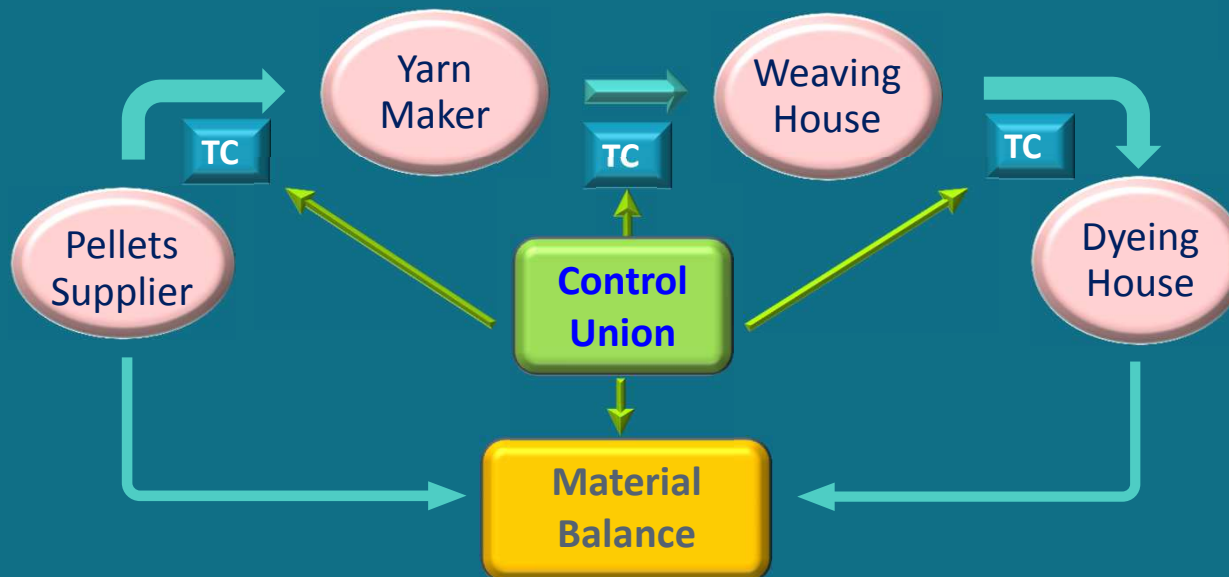
產年月	單號	date	交運日	N	代號	庫別	訂單	項次	客戶編號	客戶簡稱	規格	批號	等級	單位	交運量	發票號碼	
B	10412	9FX4176	1	1041223	N	FB	AWB	MC68W	05	LW000	良瑋纖維	BYCKD0400121R	L9111	A	KG	7776.0	AP04527703
B	10412	9FX4176	2	1041223	N	FB	AWB	MC68W	05	LW000	良瑋纖維	BYCKD0400121R	L9111	A	KG	162.0	AP04527703
B	10412	9FX4378	1	1041231	N	FB	AWB	MC6AU	01	LW000	良瑋纖維	BYCKD0400121R	L9111	A	KG	3888.0	AP04527839

# ECOGREEN—Recycled Polyester



## Certification

- Certified by GRS Certification System
- Audited From Eco Flake, Pellets to filament & fiber

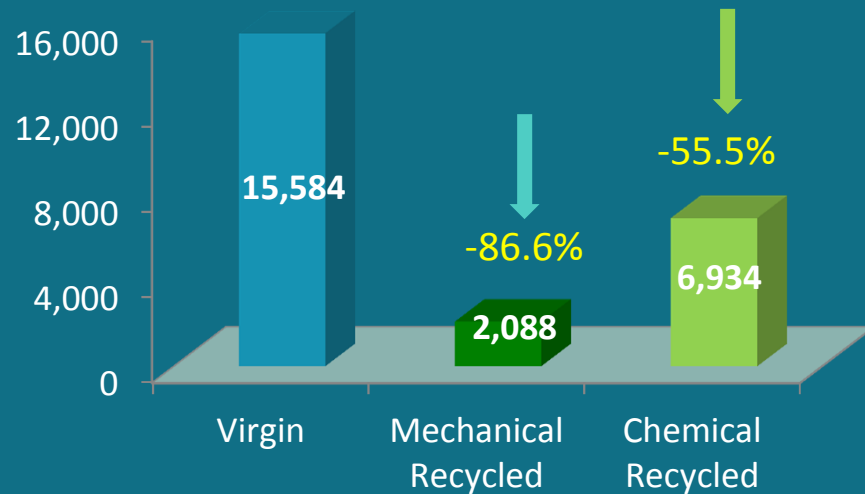




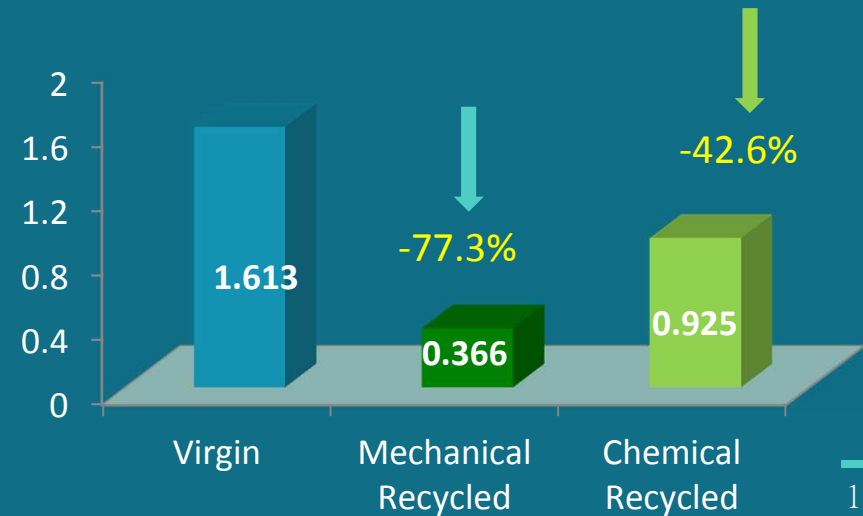
# ECOGREEN—Recycled Polyester

## Energy Consumption & CO<sub>2</sub> Emission Comparison

### Energy Consumption



### CO<sub>2</sub> Emissions





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## Work Hand in Hand with You to Make Contribution to the Earth



### Contact Us

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