



Green for life ...

# SUSTAINABILITY

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GO GREEN together  
with THAI POLYESTER



# Green for life ... SUSTAINABILITY



Thai Polyester Company (TPC), we realize that one of the environmental threats facing now is pollution. The textile industry certainly causes pollution due to, for example, dyeing and solid waste. Since our organization has expressed concern about environmental problems for years, our environmental management system is guaranteed by a third party. Under several global standards, we have been certified **standard 100 by Oeko-tex, ISO 9001:2015**. We ensure that we commit ourselves to eco-friendly, sustainable operations and products. We have used 100% pre-and post-consumer recycled polyester as raw materials, reduced solid waste and wastewater, reduced energy power and water consumption. We have launched eco-friendly products, dope dyed and recycled polyester yarns for many years. In 2019, Thai Polyester Company (TPC) launched a brand-new product line "EcoTPC", The originality of this brand is sustainable growth in the textile industry.

**RECYCLED  
POLYESTER**

## POST-CONSUMER

PET BOTTLE  
CLOTHING WASTE

## PRE-CONSUMER

IN-HOUSE WASTE

↓  
PRODUCTION PROCESS

↓  
FILAMENT / FIBER SPINNING

↓  
TEXTURIZING & YARN SPINNING

↓  
FABRIC PROCESS  
( KNIT , DYE & PRINT & SPECIAL FINISHING )

↓  
APPAREL / HOME TEXTILE

GREEN PRODUCT



# Product List

## Recycled Polyester Yarn Product

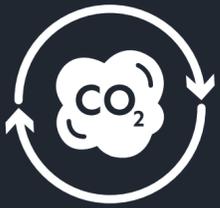
YARN TYPE	D/F	LUSTER	TYPE	COLOR
Partially Oriented Yarn (POY)	85/36	SD	Recycled	RW,DDB
	125/36,125/72,125/144			
	165/36, 165/48			
	260/48,260/96,260/144,260/288			
	500/96			
Draw Textured Yarn (DTY)	75/36,75/72,75/144	SD	Recycled	RW,DDB,DYED YARN
	100/36,100/48,100/96			
	150/48,150/96,150/144,150/288			
	300/96			
Fully Drawn Yarn (FDY)	40/18,50/18	SD,TBR	Recycled	RW,DDB
	75/36,75/72			
	100/36			
	150/48,150/96,150/144			
	300/96			
	200/10,300/10			
Twisted Yarn (DTY)	75/36/1 (Low - High Twisted)	SD	Recycled	RW,DDB,DYED YARN
	100/48/1 (Low - High Twisted)			
	150/36/1 (Low - High Twisted)			
	150/36/2 (Low - High Twisted)			
	150/48/1 (Low - High Twisted)			
Twisted Yarn (FDY)	75/36/1 (Low - High Twisted)	SD,TBR	Recycled	RW,DDB,DYED YARN
	100/36/1 (Low - High Twisted)			
	150/48/1 (Low - High Twisted)			

YARN TYPE	NE	LUSTER	TYPE	COLOR
OE SPUN	10/1,12/1,14/1	SD	Recycled	RW,DDB,MELANGE, DYED YARN
	18/1,20/1			
	10/2			
	20/2			
RING SPUN	18/1,20/1	SD	Recycled	RW,DDB,MELANGE, DYED YARN
	18/1,30/1,32/1			
	10/2			
	20/2			
	30/2			

## Recycled Polyester Staple Fiber Product

FIBER	DENIER	CUT LENGTH (MM)	TYPE	COLOR
PSF Recycled	*1.2*	32,38,44,51	Recycled	RW
	1.4			DDB

Save energy ...  
Save world



75%

Reduce CO<sub>2</sub> emission



85%

Energy saving



20%

Water saving



Do not require new petroleum



Keep waste out of landfills



0%

Zero waste

Ref: sourcingjournal. Circular economy in Textile and Apparel



scan to guide



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