

가 가

가 驚異的 가 .
1974 7 Textile Industries 誌
OE .

1. (Self-twist spinning)

가 Platt Saco Lowell
 ,
 . Pepco Spinner
Mark 1 CSIRO Repco 10
 .
每 가
가
가
 (S) (Z) 交互
 . 가 假撚(false twist)
 . strand 位相 差異 半 . Z S , S
Z . strand .

				가
	.(	$8\frac{1}{2}$	$10\frac{3}{4}$	$\frac{3}{4}$
가	.)			1.5%
	58's	.	/	100%
	Pacific Convertor	Turbo	Stapler	
가		.		
	(unwinding speed)			. Mark
	220m(240yd)	. Mark		Mark
		(spinning head)가		
	300m(380yd)	. Mark	Mark	
			가	
	75%	. S	Z	
	(3). 1		가 1,350	
328	. Mark			5
가		가 2/30's		170
		2/80's	250	
		.		
	가			
		가	. Mark	Mark
			後續	
.	self-twist yarn			
2		가	.	self-

twist yarn . Repco

Selfil Spinner

self-twist yarn . Selfil 가
가

2

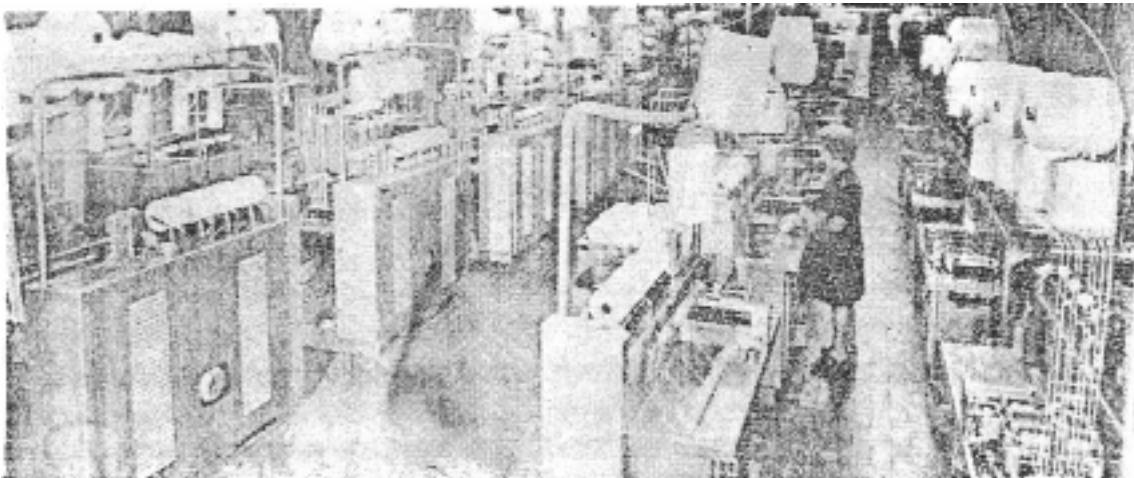
. 가 S Z
Mark Mark 가

. Selfil

追撚 (絲蒸工程)가 .
(package dyeing), clearing, waxing,

. Selfil Mark
가 가 .

(가)



2.

Bobtex

.

易染性

(core yarn)

(carrier yarn :

)

가

가

. ICS

.

.

(carrier yarn)

10~60%

,

가

(olefin),

(polyamide),

(polyester)

가

20~50%

.

30~60%

(

$2\frac{1}{2}$

,

,

,

)가

.

가

. Bobtex

가

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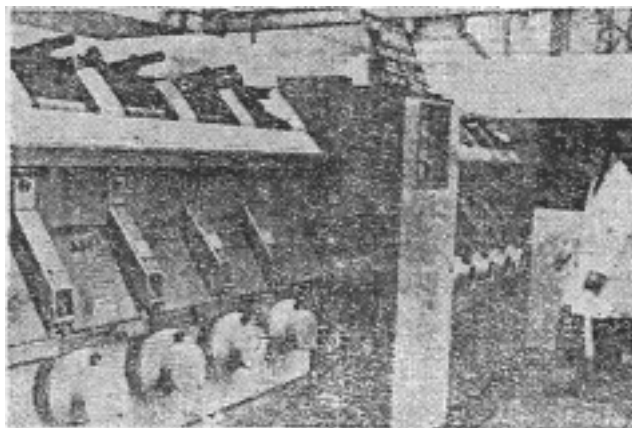
glass

polymer,

Rhovyl

Kynol

가 Mark
 가 2,400
 30% 15 /
 /
 25/25/30 가
 35%, 35%, 30%
 2's 20's(300 ~30)



Signaai-Twilo

1975

3. (Adhesive Yarn)

Texas Tech. Textile Research Center

8's ~ 40's 400~500m
 (twistless yarn)
 (double knit) (stitch)가
 過形

가 .

가 .

(elongation)dl

.

가

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4. 靜電紡績(Electrostatics spinning) Vortex

가

가 . (North

Carolina)州 charlotte COR ,

Charlotte Tex America Vortex

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