

(STARFISH)

(1) -

1. (introduction)

IIC

(data) (Manchester)

(computer) .

가 IBM pc

(run)

가

가 . IIC

(slide rule) ,

(calculator) .

(dyeing route) , 1 × 1

10 (insert)가 .

1	20G	Thies R-Jet 95, (deep dyed)
2	14G 1 × 1	Thies R-Jet 95, (deep dyed)
3	18G	Thies R-Jet, (medium dyed)
4	28G	Thies R-Jet, (medium dyed)
5	20G	, (medium dyed)
6	14G 1 × 1	, (medium dyed)

7	18G	, (deep dyed)
8	24G	, (deep dyed)
9	28G	. (deep dyed)
10	28G *	Thies R-Jet 95, (medium dyed)

* 10 2

3가 30
10 900
가 (interpolation)
가

2. (Background)

1976 (international Institute for Cotton)

(STARFISH)
가
가
가 ()

가 가

3. (Input)

(Reference State) 가

가

○ ()

○ ()

○ 가

,

가

가

가 가

가

가

가

가

가 가

가 가

가 가

가

4. (Output)

, /3cm, /3cm 가
가 (level) 1,2 3

가 (line) (flat)

(Reference State)

(STARFISH)

(corner-stone)

가

가

가

(STARFISH)

- (constant weight)
- 가
- (line) (flat)
- 가
- 가
- 가

		(Residual Length Shrinkage)	(Residual Width Shrinkage)
1 × 1	(Interlock)		
	1	0%	0%
	2	10%	10%
	3	12%	12%
	(rib)		
	1	0%	0%
	2	10%	10%
	3	12%	12%
	(single jersey)		
	1	0%	0%
	2	8%	8%
	3	10%	10%

(level) 1

(Reference State)

2 3

(very good) (2)

(acceptable) (3)

가

(5 ,)

가

5.

1)

/가

(insert :

)

가

가

5%

2) (outer cover :)

3) (knitting parameter) (Box A)

= cm

4) (level)

5) /3cm, /3cm

. 3cm (in)

0.847 . g/m² /yd² 33.91

B, C, D (Box)

6)

(gauge) (diameter)

(plate)

(width)

$$(\text{tubular width}) = \frac{\times 3}{/3\text{cm} \times 2}$$

$$* (\text{open width}) = \frac{\times 3}{/3\text{cm}}$$

* (edge trimming)

7)

$$\text{가} \quad /3\text{cm} = \quad /3\text{cm} \times \frac{(100 - \quad)}{100}$$

$$\text{가} \quad /3\text{cm} = \quad / \text{cm} \times \frac{(100 - \quad)}{100}$$

$$= \frac{S \times L \times 59 \times F}{C} \text{ g/m}^2$$

$$S = \quad = \text{cm}^2 \quad = \frac{/3\text{cm} \times \quad /3\text{cm}}{9}$$

$$L = \text{가}$$

$$\text{가} \quad \quad \quad \text{가}$$

$$0.98 \times \quad \quad \quad .$$

$$C = \text{가} \quad (\text{Ne})$$

F =

1.0

2.0

가

.