

1.

< 1>

20

20

가

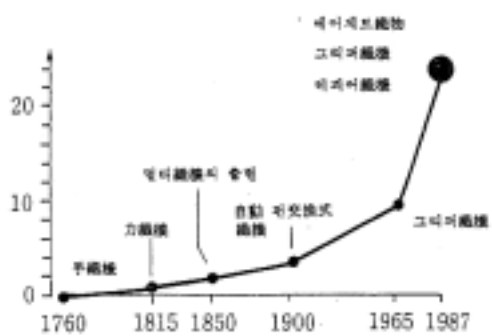
20

가

가

가

가



< 1>

가

가

가

가

가

가

< 2>, < 3>

가 가

가

○ 가

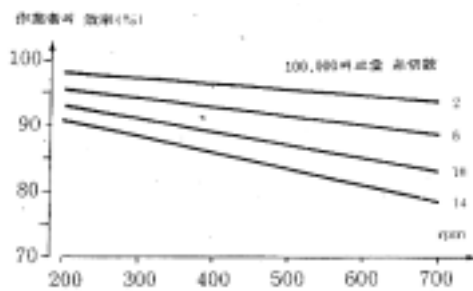
○

20

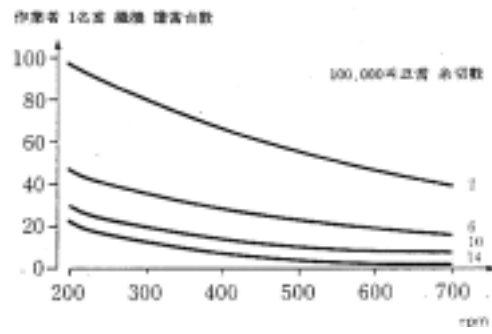
(single-phase

weaving system)

가



< 2> 가



< 3> 가

, 가

가

,

2.

가 가

-
-
-
-

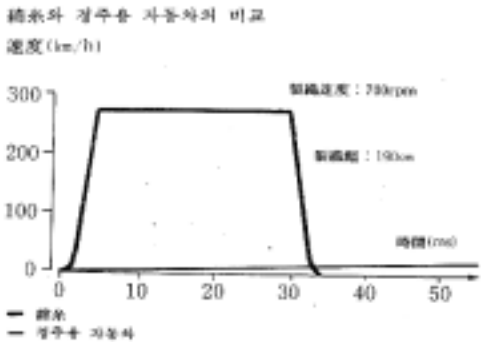
가

가

-
- 가
-
- , 가

< 4> Formula 1

190cm 700rpm 가
35ms
가 10km/h



< 4> /

(basic dynamic principle), 가

가 가

가 가

가 가

가 가

가 가

가 가

가 가

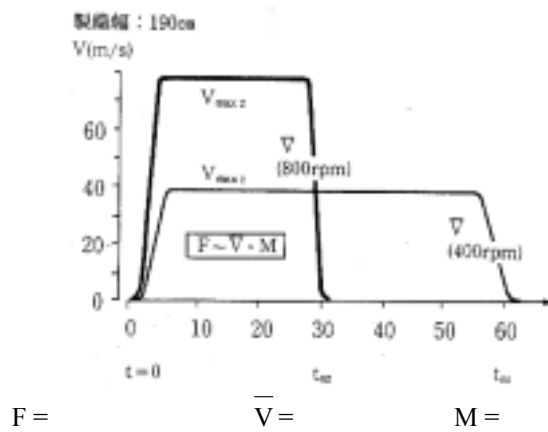
400rpm 800rpm 가

< 6> -

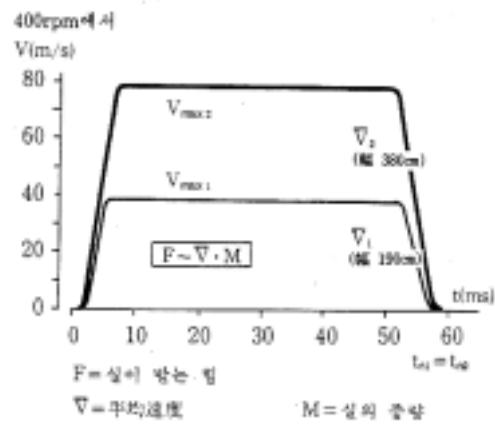
가

가

가



< 5> /



< 6> /

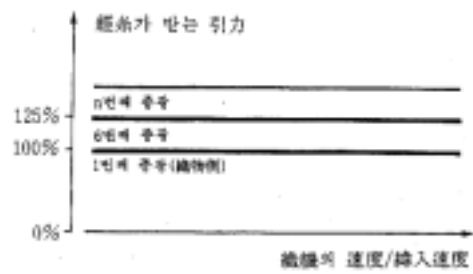
(weft feeder)

가

가 ,
가

가

< 7>.



< 7> 가
(, ,)

6

25% 가

< 7> 가가 가

(oscillatory impulse)가 가

가

가

가

가

(tight thread),

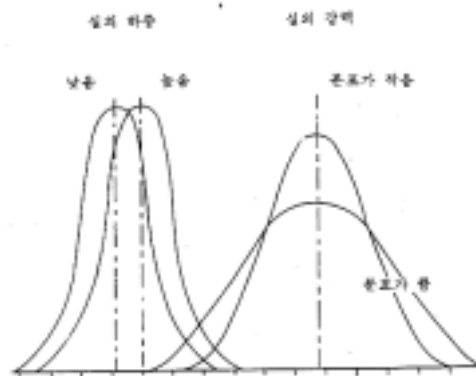
(bright stop)

(streak)

가

가 가

가



< 8>

, 가
가

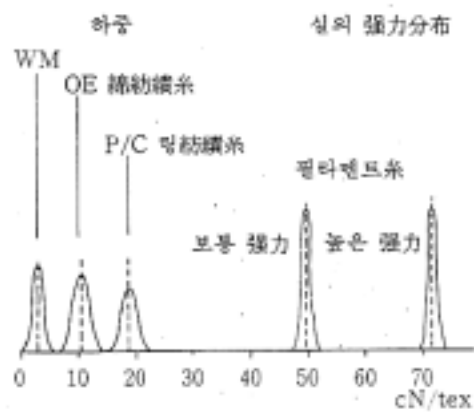
< 9> 가 가

○ 가

○

○ 가 가

, 가



< 9>

,

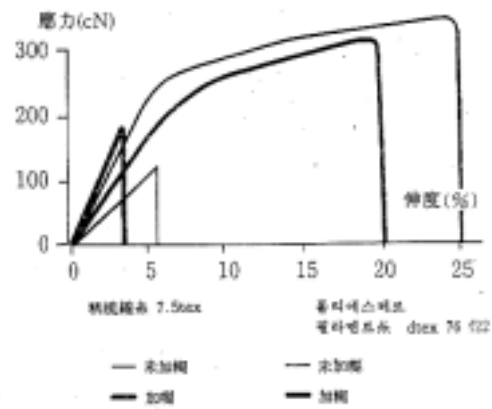
< 10>

가 가

가

, 가

가 (thermal factor)



< 10> -

가

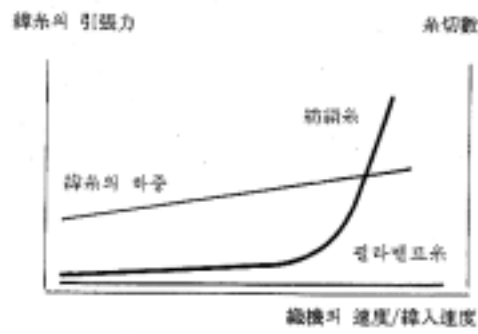
가

가

가 가

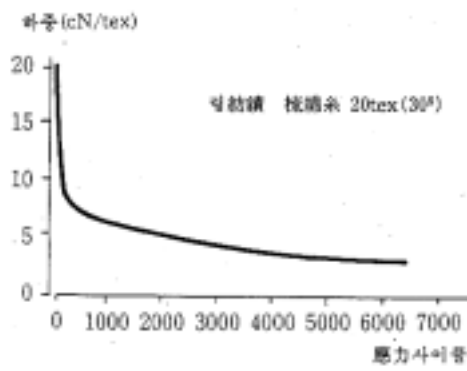
< 11>

가



< 11>

/



< 12>

-

(latent energy)가

< 12>

가

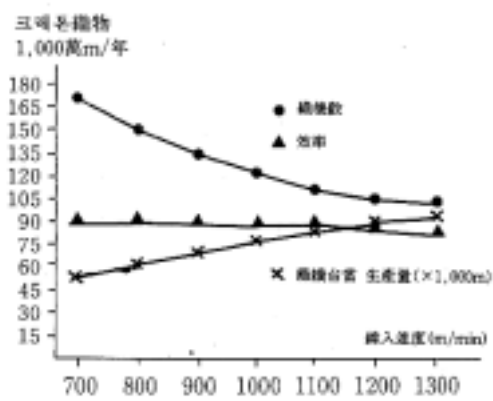
3.

가

가

가

가



< 13>

가

가

가

가 , 가

가

< 13> OE 153in

190cm (cretonne fabric)

○ 1,000 m

○ %

○ (× 1,000m)

1,100m/min 가

1,200 1,300m/min 가

35% 가 가

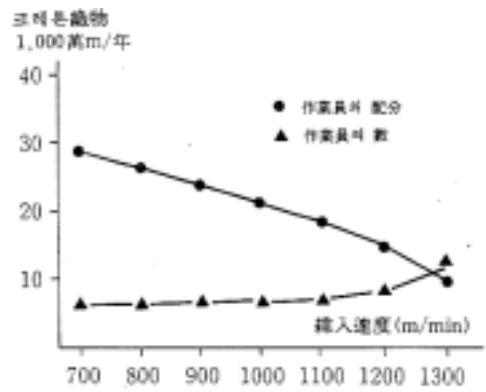
가

1,200m/min

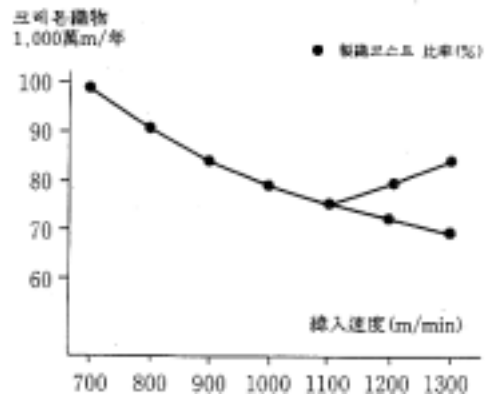
< 14>

가

< 15>.



< 14> 가



< 15> 가

< 16~18>

, < 19~21> P/C

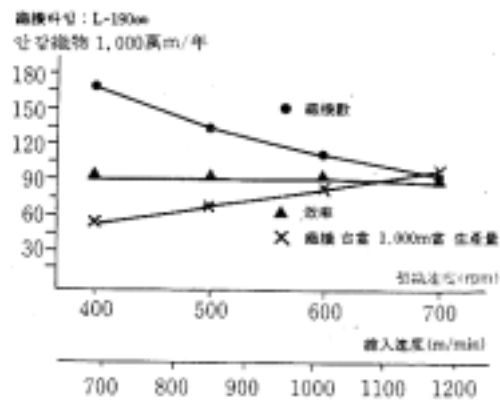
(shirting fabric)

(lining material)

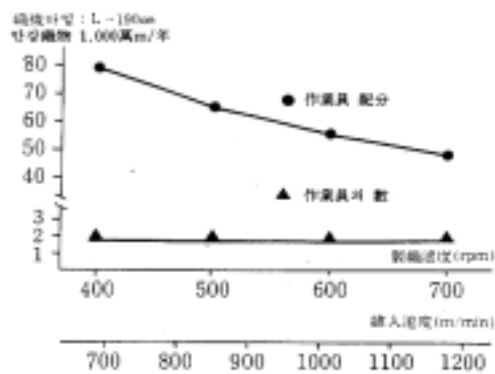
가

가

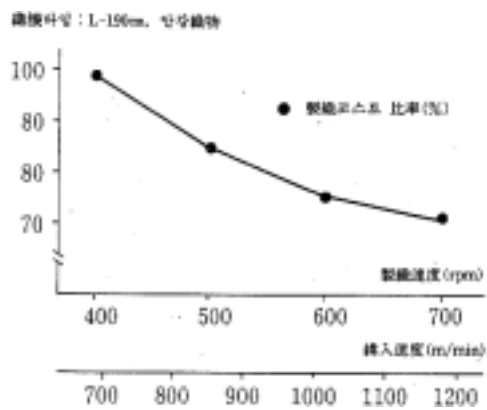
700rpm



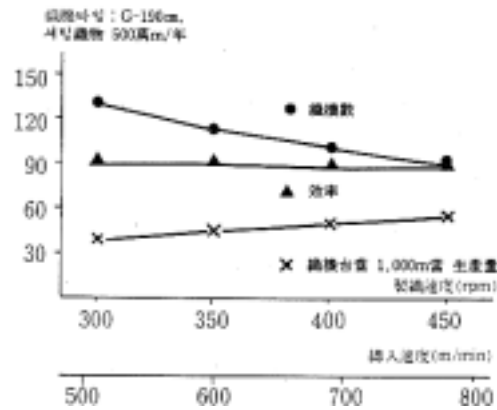
< 16> 가



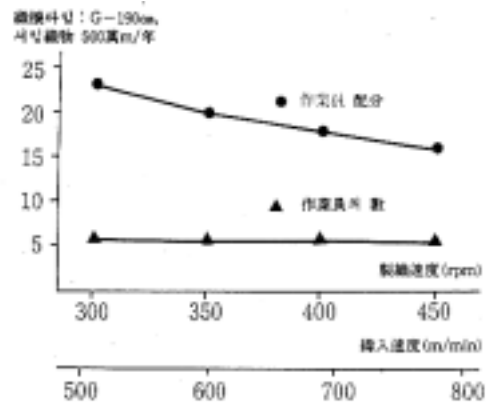
< 17>



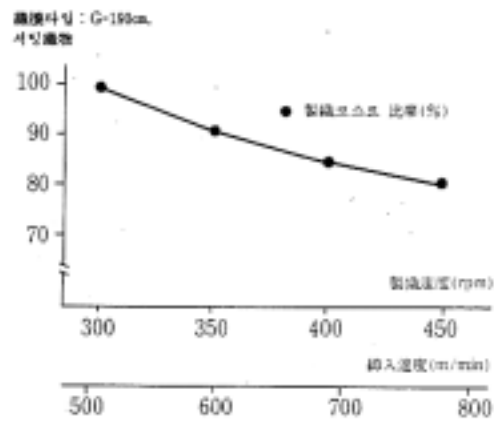
< 18>



< 19>



< 20>



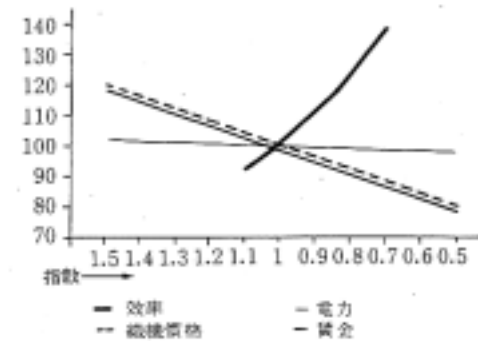
< 21>

가

가 ,

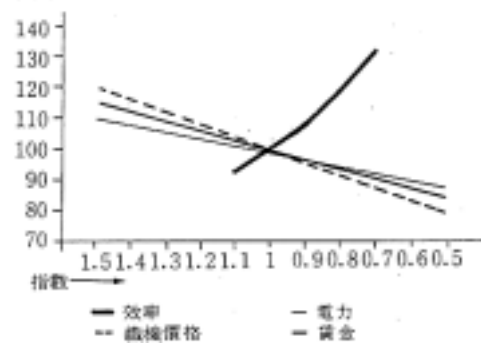
< 22~24>

製造コスト 比率(%) 그리퍼織機



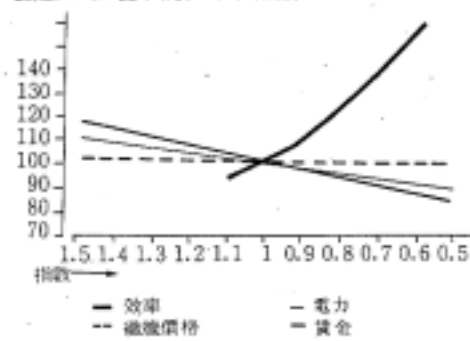
< 22>

製造コスト 比率(%) 에어제프織機



< 23>

製造コスト 比率(%) 레피어織機



< 24>

가

가

4.

가

가

가

○

○

가

가

○

O

○ 가

O

1) (streak)

2) (cretonne fabric)

가 . , ,
가 . , , 가

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