

가

5.

(fiber elongation) 가

.

○ (permanent elongation) : 가 가

○ (elastic elongation) : 가

○ (breaking elongation) : 가 가

,

. (elasticity)

. (: ,)

.

1~2%(), .

가

; =6~10%, =25~45%.

.

,

.

(sports wear), (corsetry)

.

(tensile loading)

.

.

.

-

(stress/strain diagram) .

. .

6. (slenderness ratio) (; stiffness)

(rolling), (revolving), 가 (twisting)

. 가 .

가 , 가

. “

(longitudinal resistance)” 가 . (nep)

. .

가 가 , 가

. 가 .

= _____

가 가

.



< 9> 가

,

.

7. (cleanness)

가.

.

1)

-
-
-
-
-

2)

-
-
- 가
- 가

3)

-
-
- ()

4)

()

(card clothing)

가

(가 OE).

가

가 가 가 .

(plucking) , (ginning) , , ,

;

가

. ()

. < 10> Trutzschler

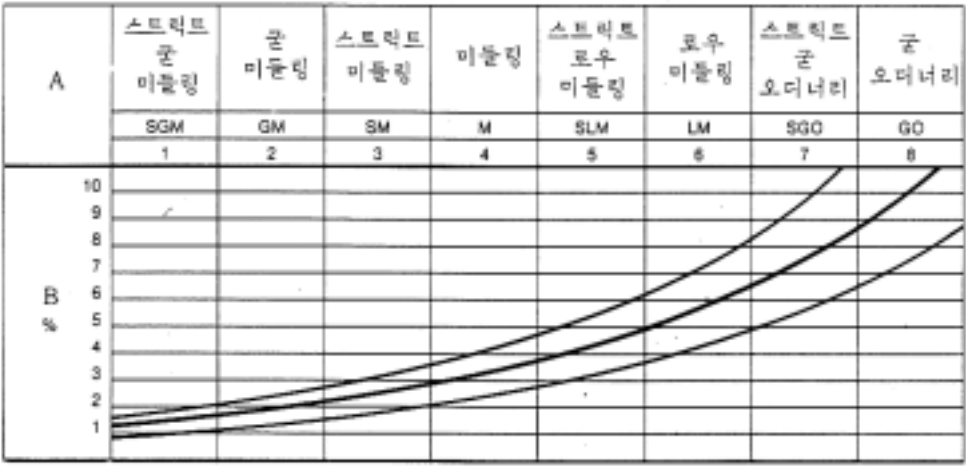
1.2% = (very clean)

1.2% ~ 2.0% = (clean)

2.0% ~ 4.0% = (medium)

4.0% ~ 7.0% = (dirty)

7.0% = (very dirty)



< 10> (waste)

. (nep)

.

(seed-coat nep) .

, 가 . P.Arzt

O.Schreiber 가 ,

(dead fiber) .

(maturity index) (neppiness)

가 . 가

가 . 가

.

가

가 . 가

(flock)

20~30%

•

2)

F.Leifeld

•

가)

가

•

(: Byssinosis).

)

(deposit)

가

)

•

)

.

•

가 .

.
(;).

3)

.
: 가 $0.2\text{mg}/\text{m}^3$
: $29\mu\text{m}$ $1.0\text{mg}/\text{m}^3$
: 2mm (fly) $0.5\text{mg}/\text{m}^3$
: $1.5\text{mg}/\text{m}^3$
: $1.5\text{mg}/\text{m}^3$
: 가 $0.2\text{mg}/\text{m}^3$

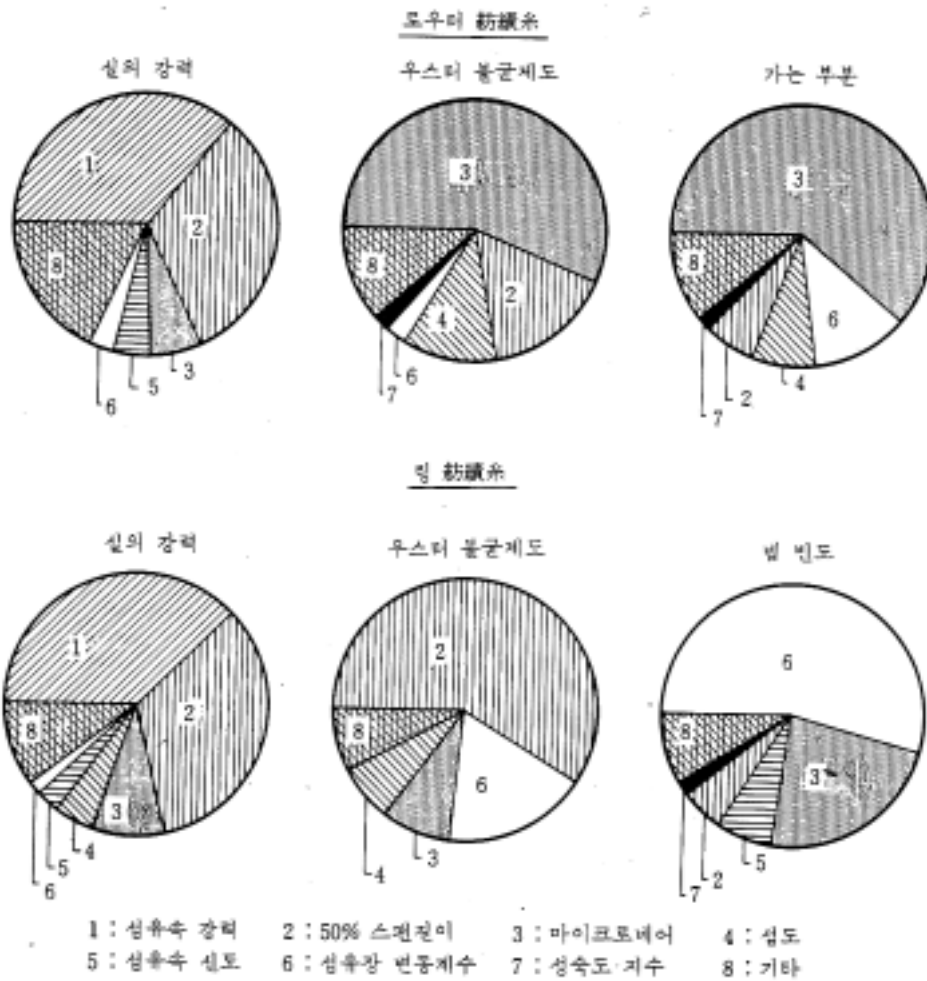
8. ()

가 (honeydew) .

.
. Schenek

- :
- (fungus) :
- : (juice) (suger),
(nectar), (wax)
- (fat), (oil) :
- (pathogen)

○ : (defoliant), (insecticide), (fertilizer),



< 11>

Sudan ,

가 가 (fructose), (glucose),
(saccharose) .

. Elstner

가

9.

가

. Schenek Hunter < 11>

(rating) Deussen < 1>

< 1>

				OE
1.	/			
2.			/	
3.		/		
4.	-			/
5.	-	-		