

(2)

- AFIS (Advanced Fiber Information System)(3) -

3 AFIS

3.1

CV%

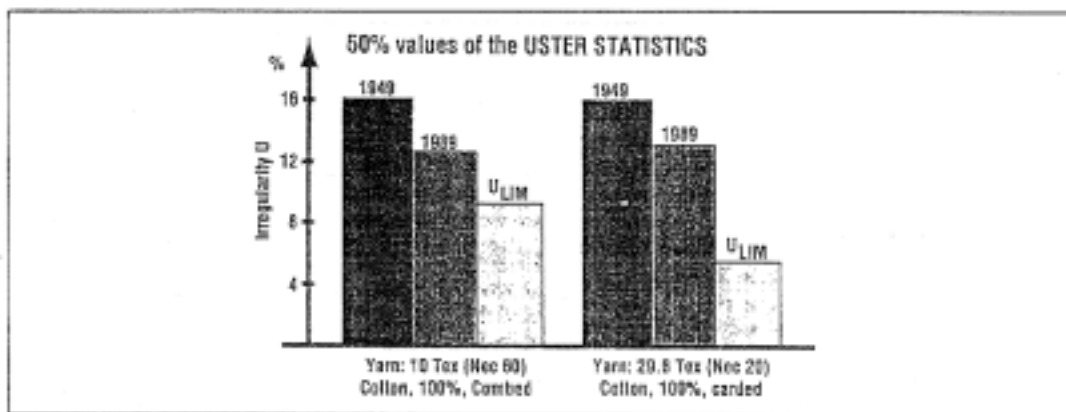
,

가

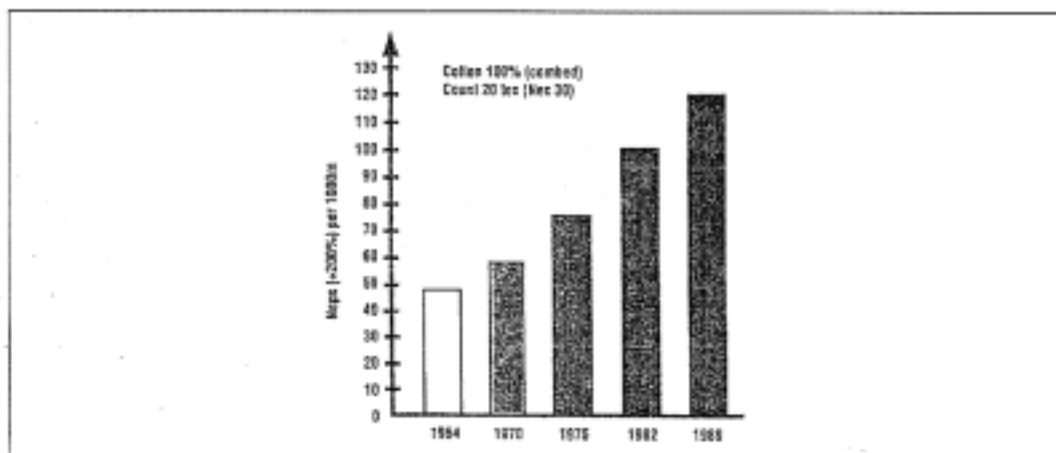
+200%

가

.



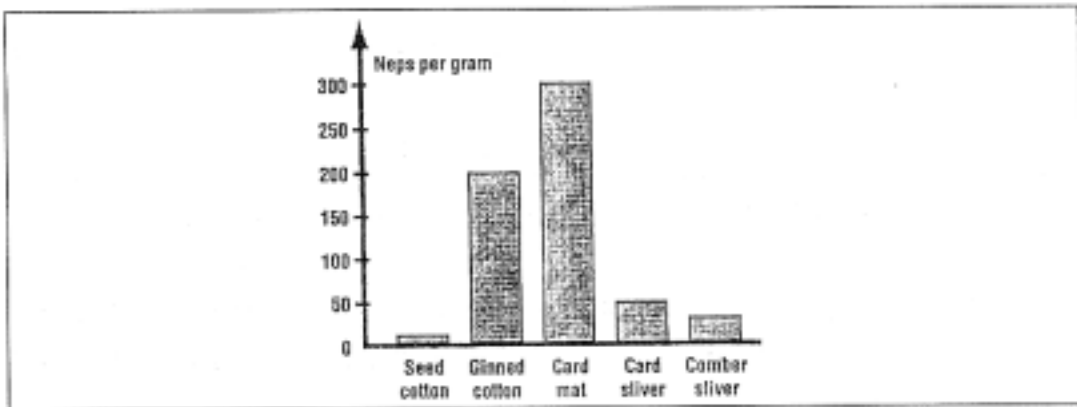
< 3.1> U%



< 3.2>

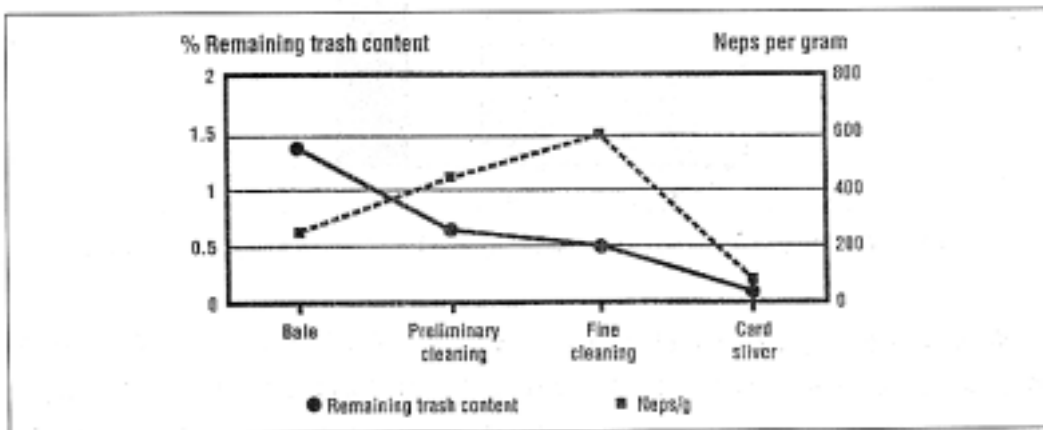
(seed cotton)

가



< 3.3>

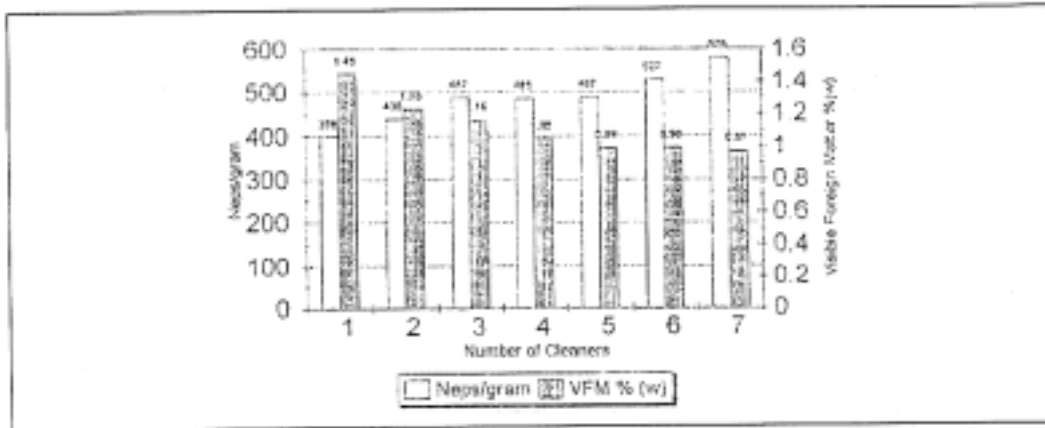
가



< 3.4>

가 가

가 , 가

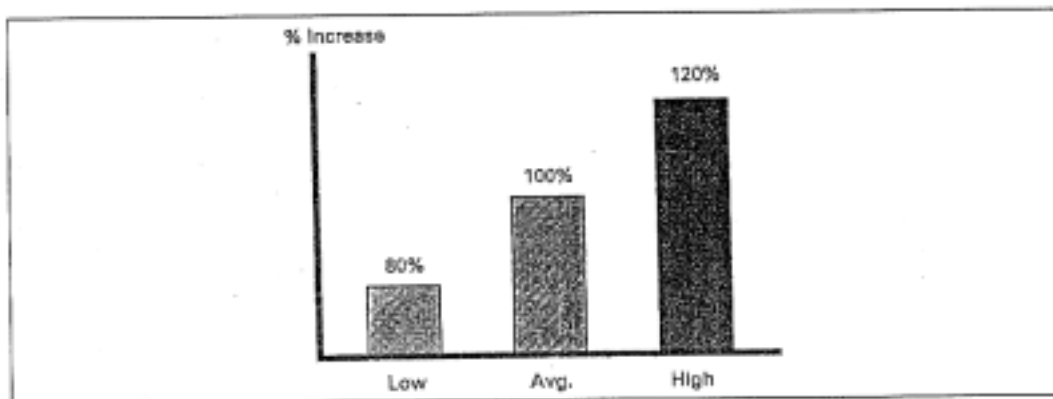


< 3.5>

가

가

가



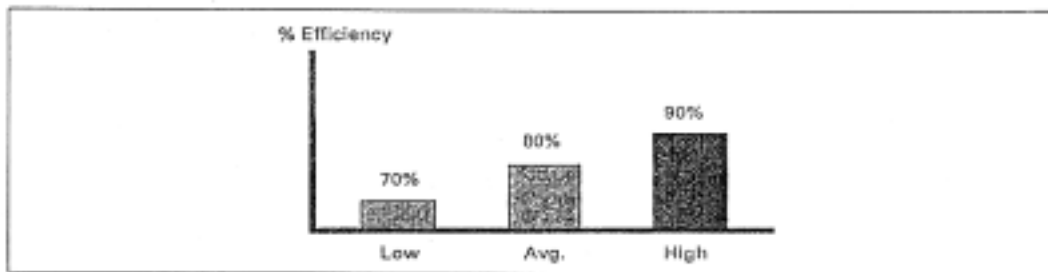
< 3.6>

가

(Nep removal efficiency)

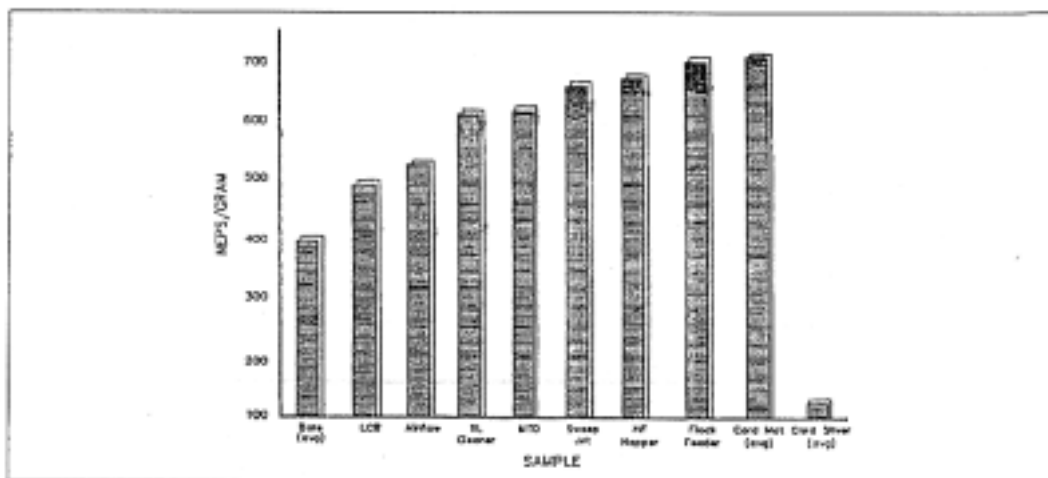
100%가

가



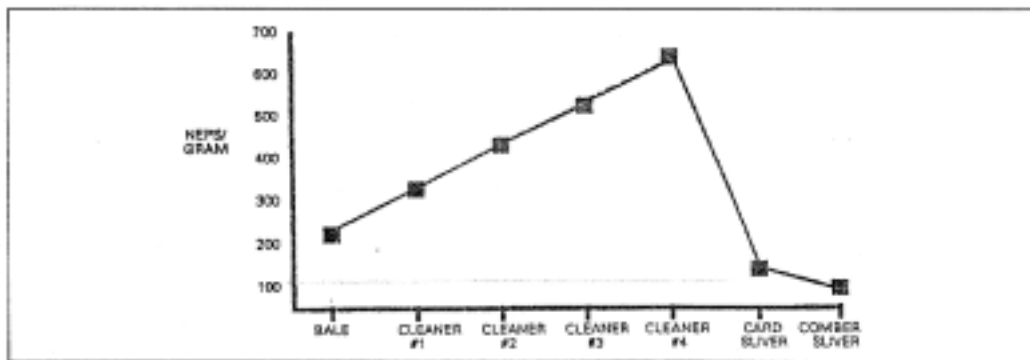
< 3.7>

가 가 .

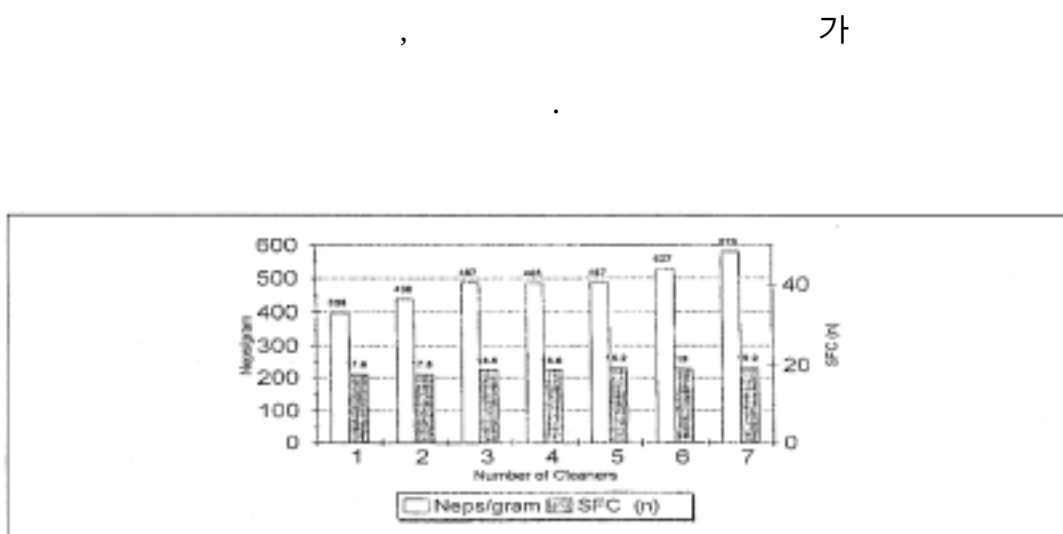


< 3.8> /

가 , 가
 . 가 가
 ,
 가 가
 가
 가



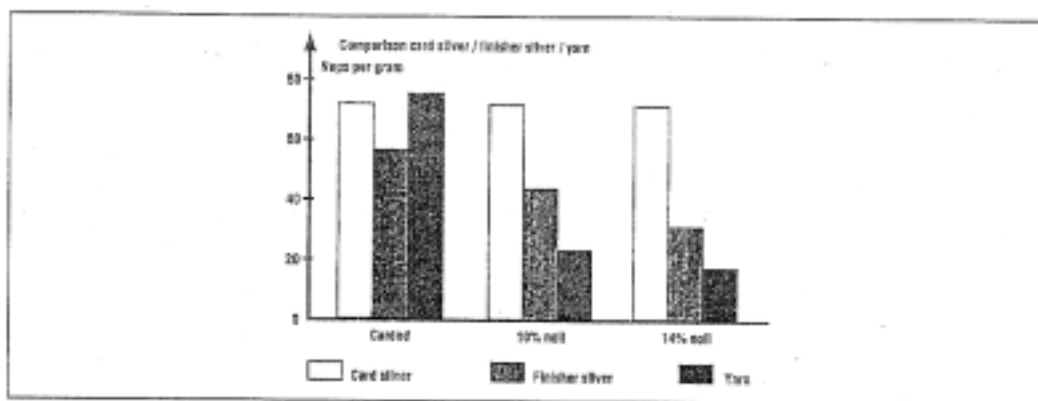
< 3.9>



< 3.10>

가 , 가 .

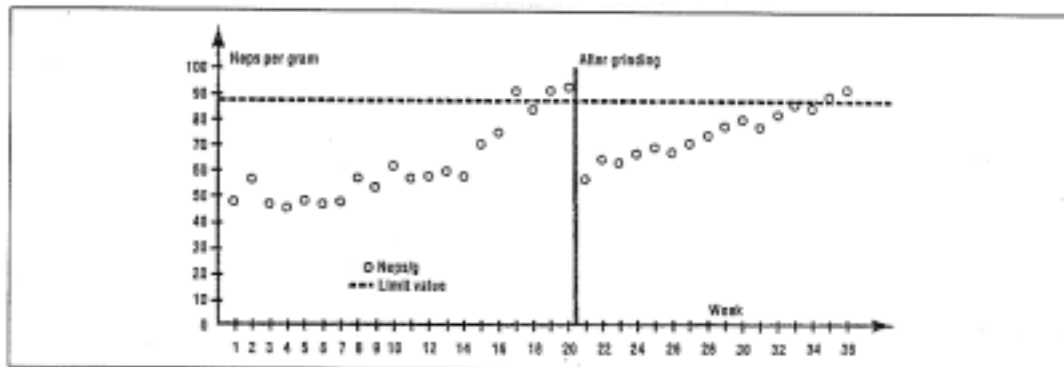
가 .



< 3.11> ,

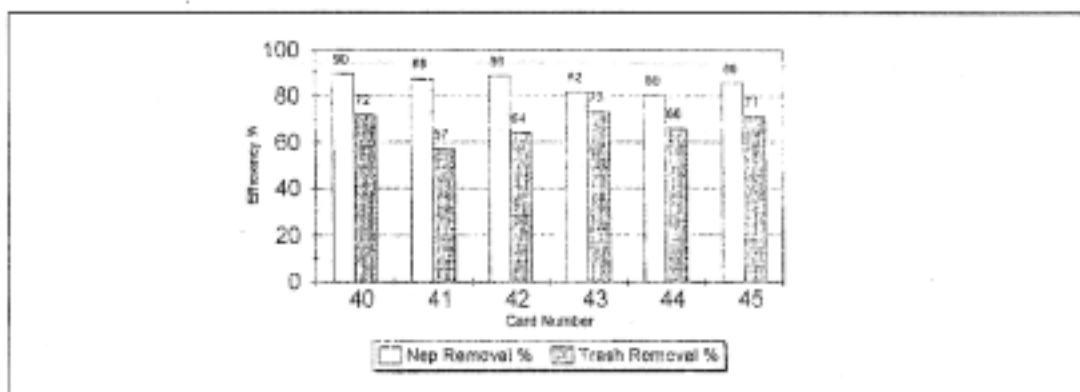
가

가

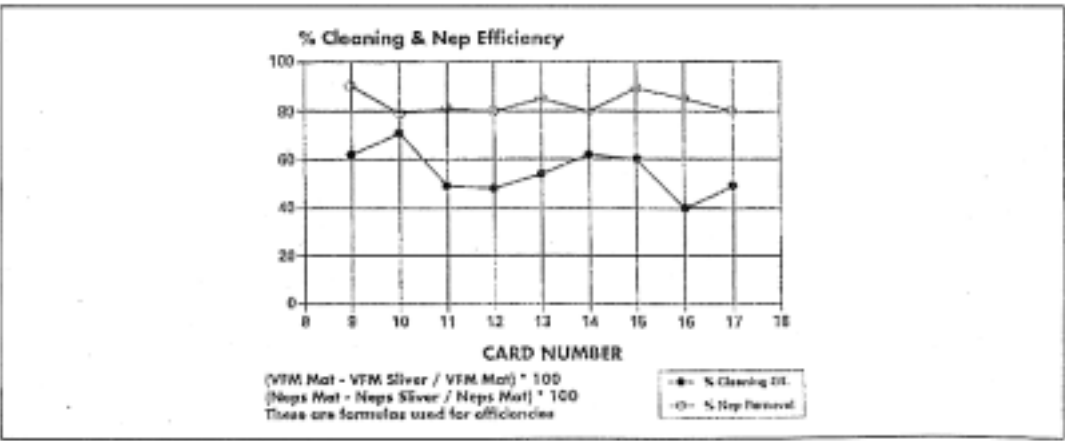


< 3.12>

3.2



< 3.13>



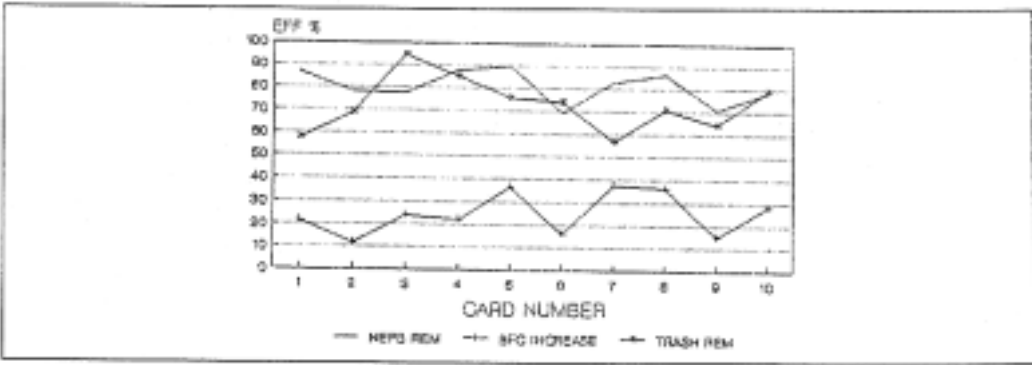
< 3.14>

· (%)

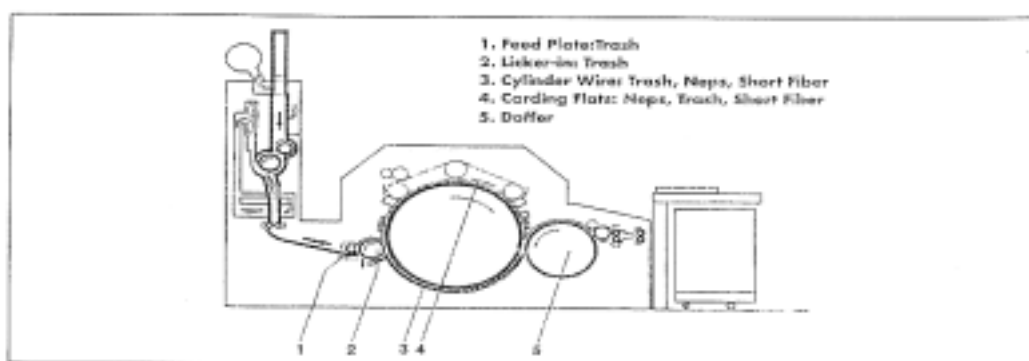
$$= \left(\frac{\text{VFM Mat} - \text{VFM Silver}}{\text{VFM Mat}} \right) / \left(\frac{\text{Neps Mat} - \text{Neps Silver}}{\text{Neps Mat}} \right) \times 100$$

· (%)

$$= \left(\frac{\text{VFM Mat} - \text{VFM Silver}}{\text{VFM Mat}} \right) / \left(\frac{\text{Neps Mat} - \text{Neps Silver}}{\text{Neps Mat}} \right) \times 100$$



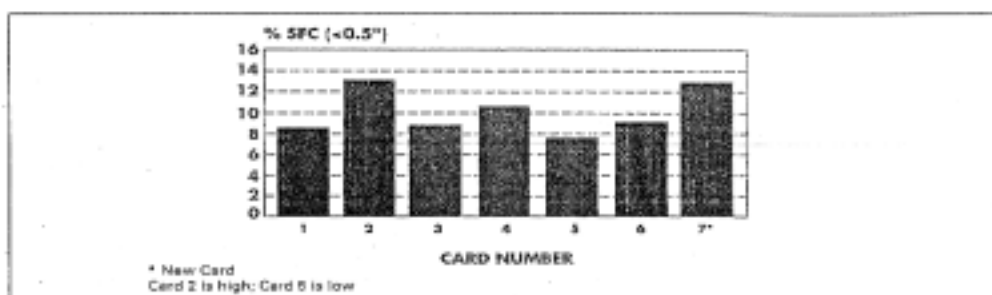
< 3.15>



< 3.16>

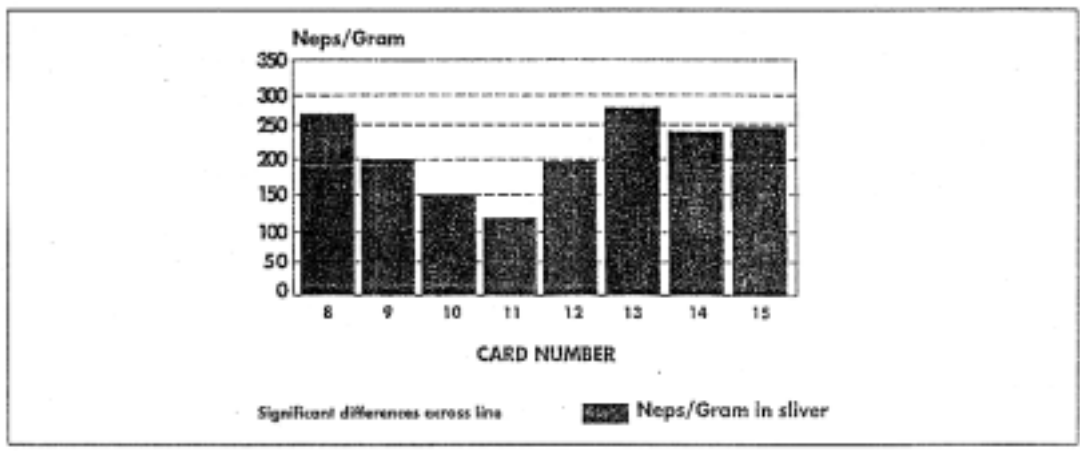
4~6

가



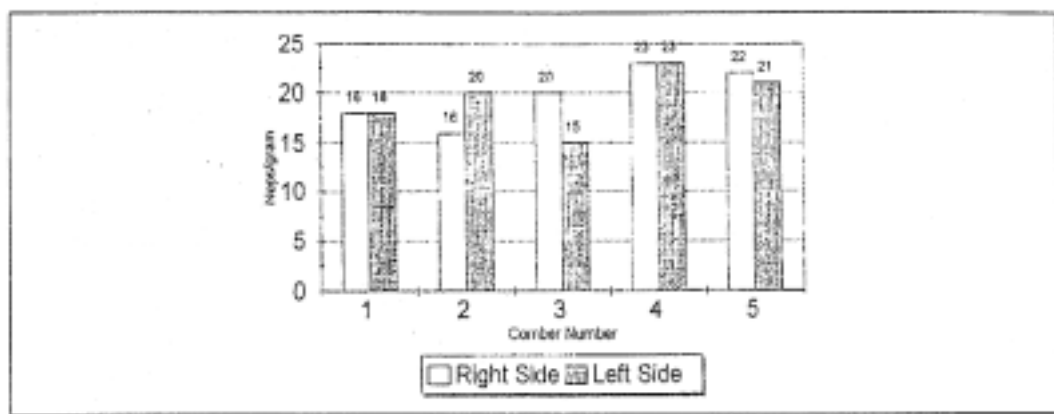
< 3.17>

(1 -7)

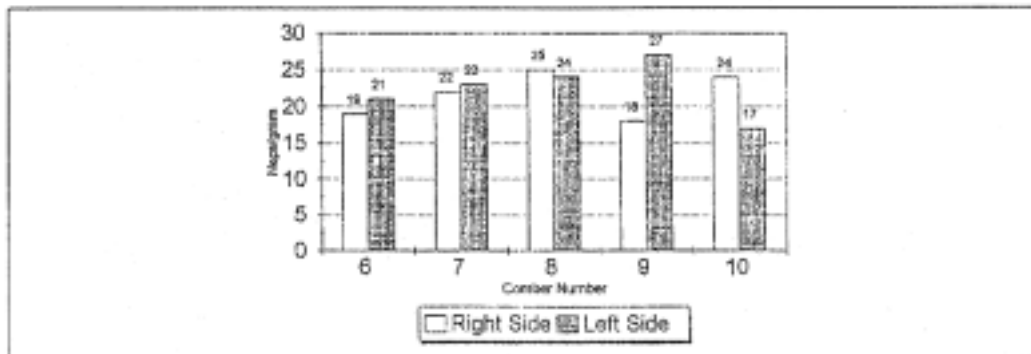


< 3.18> (8 -15)

AFIS 가 .
가 가

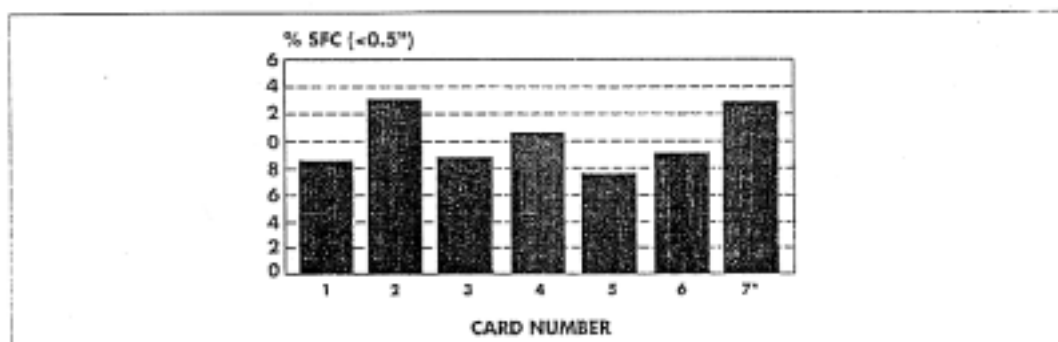


< 3.19> ()
(1 -5)

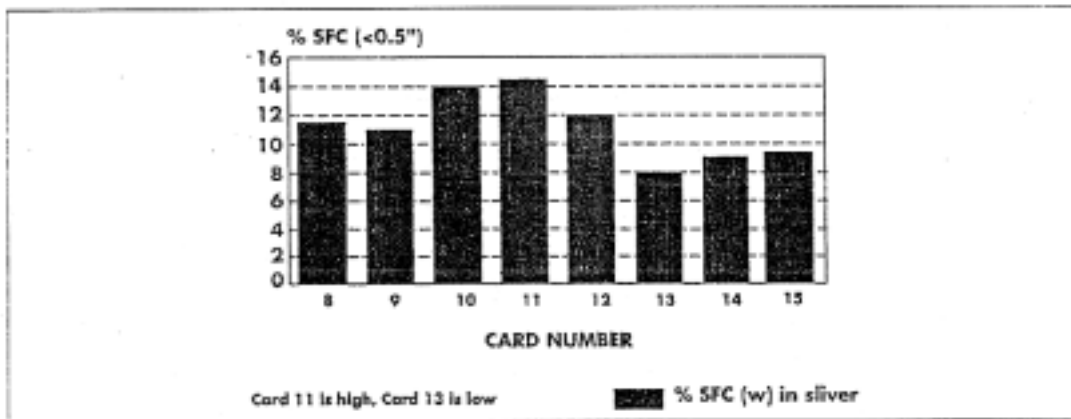


< 3.20> ()
 (6 -10)

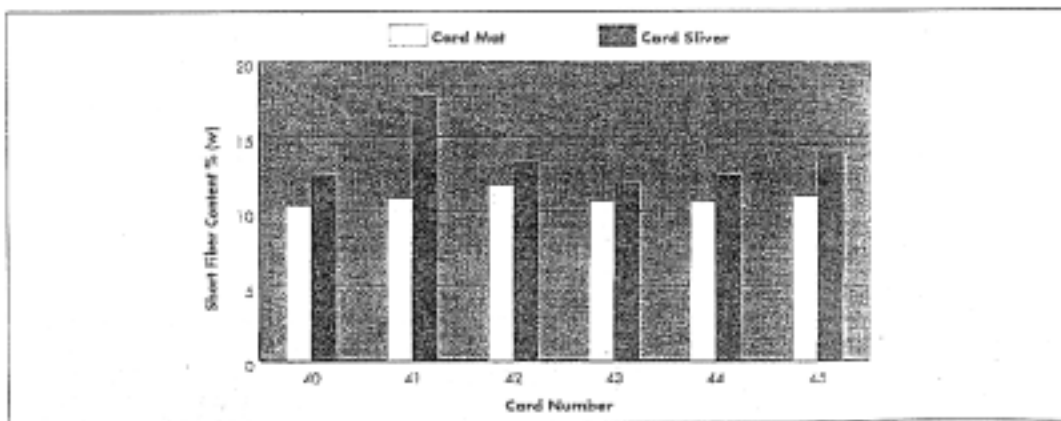
3.3



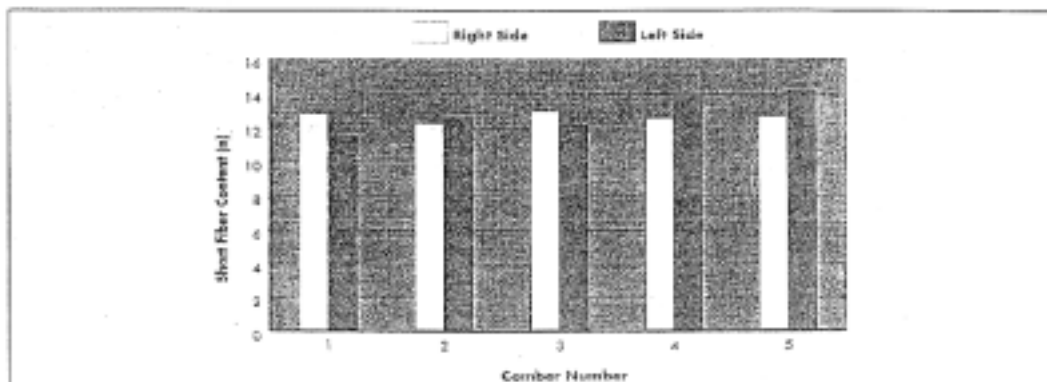
< 3.21> (1 -7)



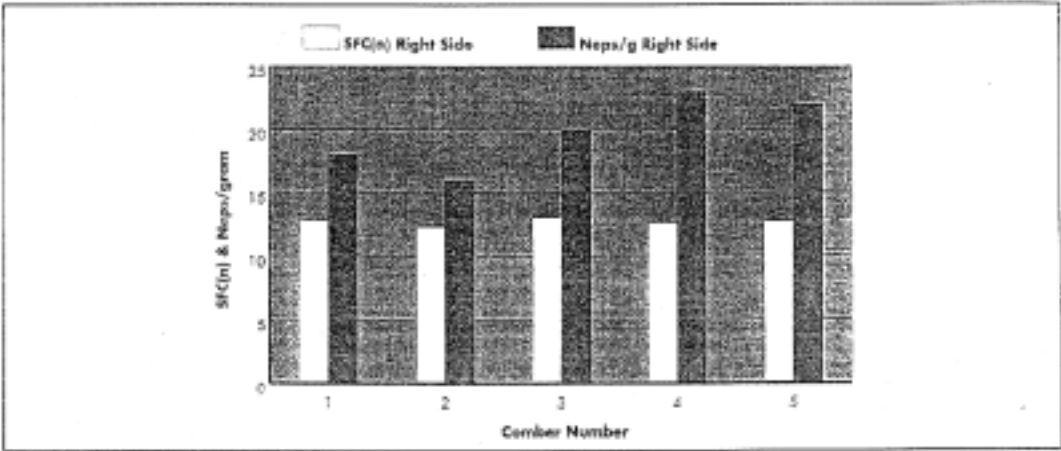
< 3.22> (8 -15)



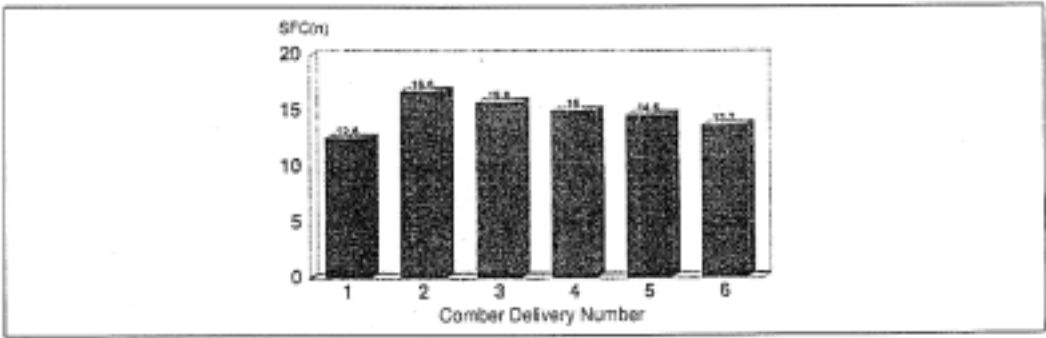
< 3.23>



< 3.24> ()



< 3.25>



< 3.26>

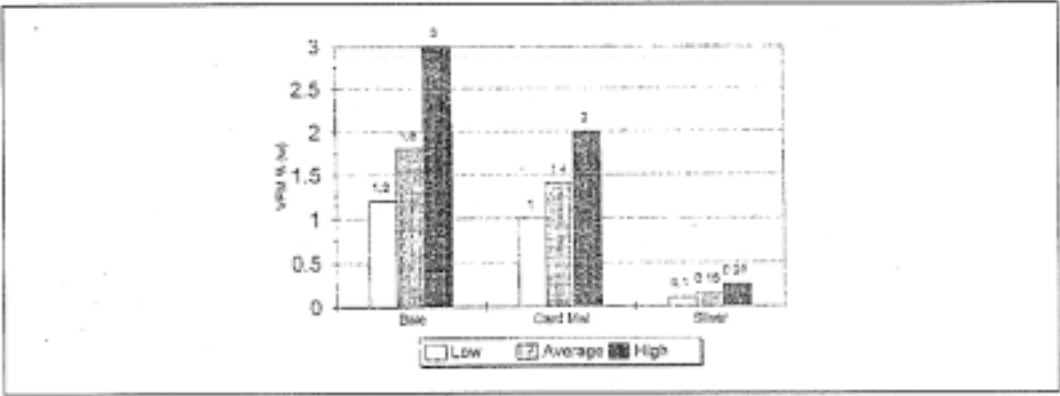
3.4

,

0.02% 가 가

0.15% 0.17%

가



< 3.27> ,

가

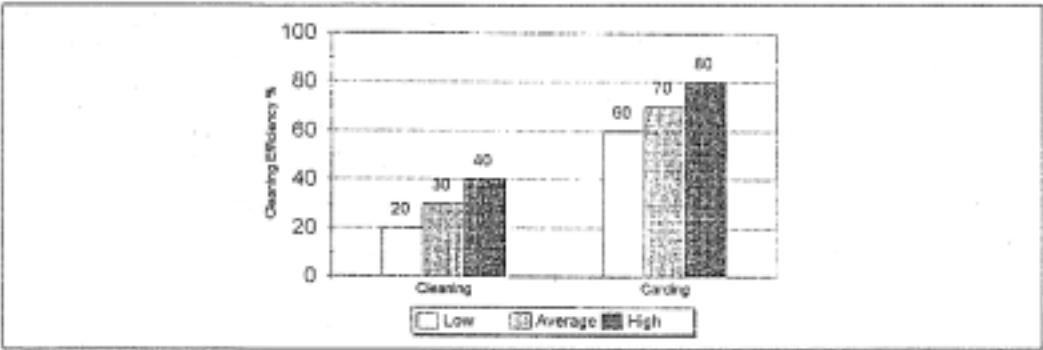
가

20~40%

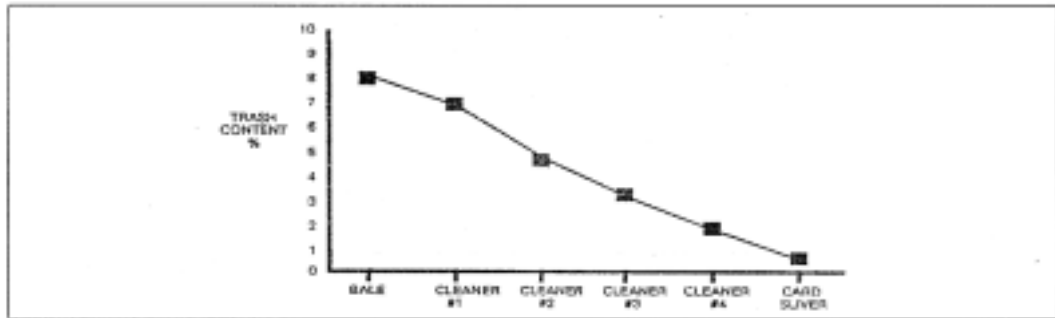
50%

70~75%

85~90%



< 3.28>



< 3.29>

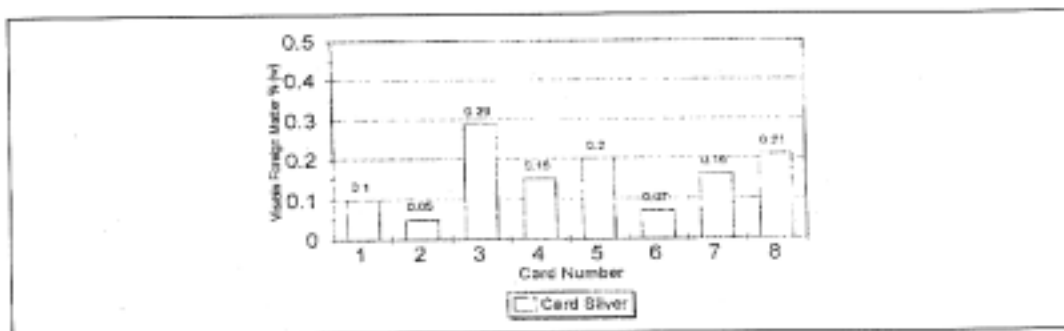
가 ,

90%

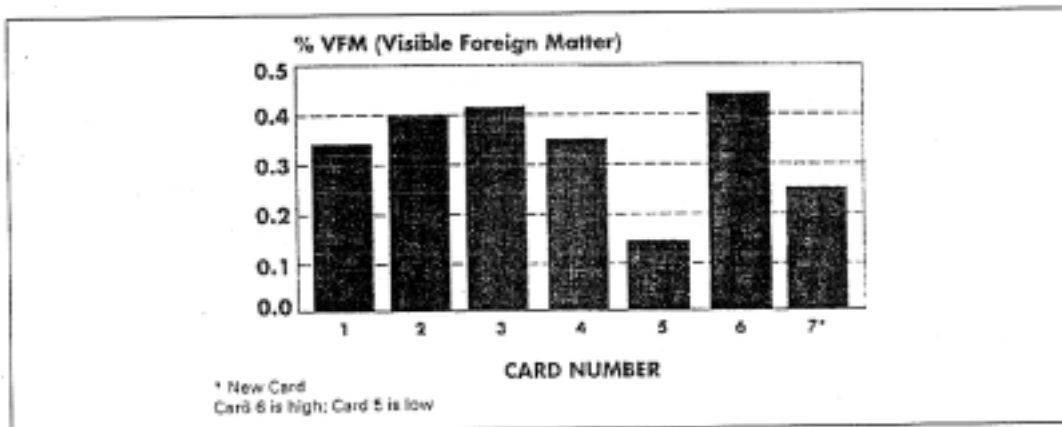
가

가

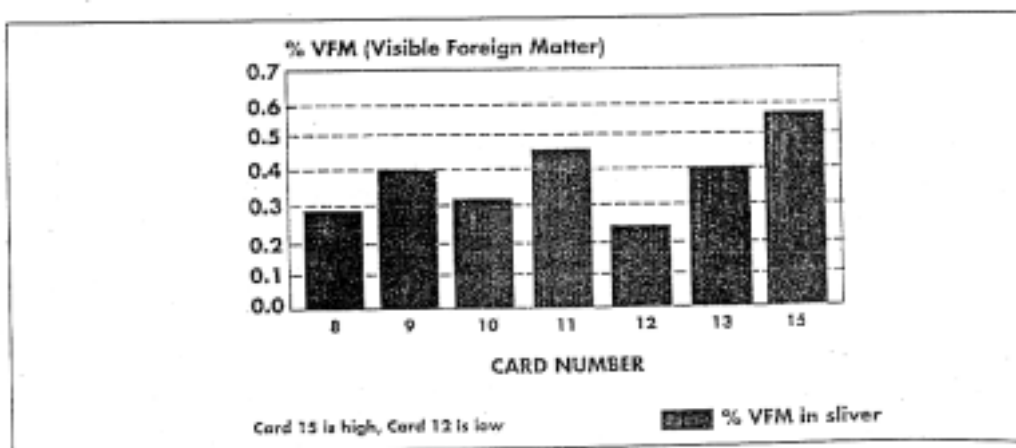
가 가 , 가



< 3.30> ()



< 3.31> (1 -7)



< 3.32> (8 -15)