

OE

OE가

Texas Tech’s Textile Research Center

. Towery OE William D. Cole

OE.

TRC(Textile Research Center) Textile Topics

가.

1976 60-deg Investa BD 200M

306mg (2).

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< 1>

	3.5
2.5% span length(in)	1.05
(%)	43.9
(%)	8.2
(psi)	89,700
(1/8 " , g/tex)	25.5
(%)	6.4
non-lint (%)	4.4

(3).

< 2> 가

	(mg/kg)
14.50	52.89
16.00	36.68
16.66	87.30
18.16	55.64
23.16	51.98
23.25	65.42
24.50	126.69
25.50	146.44
26.83	40.41
27.75	41.54

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()	(kg)	(mg)	(mg/kg)
0.5	2.00	63.7	31.85
1.0	3.99	128.2	32.13
1.5	6.08	230.0	37.83
2.0	7.94	331.2	41.72
2.5	10.02	413.2	41.25
3.0	12.07	525.0	43.50
3.5	13.93	596.5	42.82
4.0	15.90	718.2	45.20
5.0	19.64	948.2	48.28
6.0	23.59	1,130.0	47.90
8.0	31.57	1,582.2	50.12

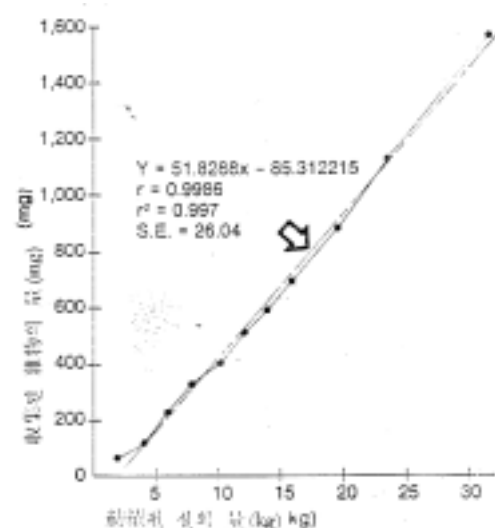
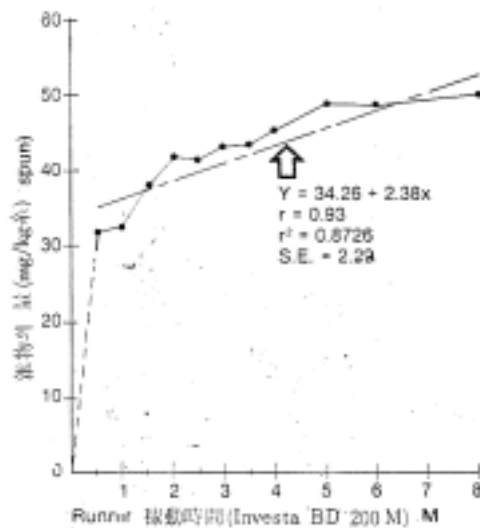
=10/1 Ne, TM=5.0(622.5 turn/m),

=36,000rpm

=6,000rpm

< 4> 가

稼働時間	우스터不均齊度(%)		우스터單糸強力(g)		切断長(g/tex)		切断係數	
	시작	끝	시작	끝	시작	끝	시작	끝
0.5	13.98	13.44	714.0	733.5	12.99	13.34	2.010	2.014
1.0	13.20	13.22	739.5	721.5	13.45	13.12	1.969	2.028
1.5	13.85	13.60	733.5	760.5	13.35	13.50	2.018	2.076
2.0	14.05	13.64	723.0	733.5	12.98	13.01	2.087	2.051
2.5	13.70	13.62	705.0	735.0	13.16	13.38	2.026	2.037
3.0	13.70	13.12	726.0	709.5	13.56	13.07	2.036	2.045
3.5	13.51	13.08	720.0	717.0	13.11	13.05	1.964	2.030
4.0	13.59	13.28	717.0	708.0	13.40	13.06	1.984	1.992
5.0	13.99	13.71	717.0	709.5	12.72	12.75	2.053	2.026
6.0	13.93	13.38	718.5	724.5	12.75	12.70	2.057	2.094
8.0	13.76	13.24	717.0	708.0	12.42	12.72	2.097	2.052



< 1> 3σ

< 2>

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r 0.93

Y=34.26+2.38X

가

20.53

1kg 83.12mg

3σ(σ :

70.50mg) 1kg .

Towery Cole 10 20 .

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20 가 .

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TRC

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