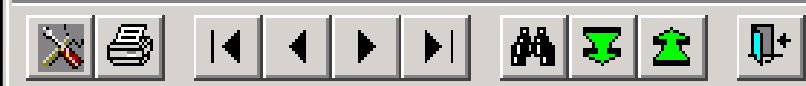


Tensomaxx

Single Yarn Strength Tester

Reports ...





PREMIER Tensomaxx 7000 V2.6 **Single/Overall Report** 05/03/2008 10:56:28
 Premier Evolvics - Demo Lab Page #: 1 of 5

Test No	:6	Test Speed	:5000 mm/min	Operator	:jk
Sample Type	:Yarn	Test Length	:500 mm	Feeding	:Auto
Count	:60.00 / 1 Nec	Pre-Tension	:0.50 cN/tex		
Material	:100 % cotton	Limits For Reports	:F: 100-300 (cN)E:4.50-6.50 (%)		
Samples	:10	Comments	:for validation		
Tests/Sample	:20	Statistics Type	:None		
Roll Off	:N	Material Type	:None		
Test Date	:18/02/2008	Test Time	:16:59:37		

Test	B.Time (sec)	B.Force (cN)	B.Elong (%)	B.Tenacity (RM)	B.Work (Kgf)
------	-----------------	-----------------	----------------	--------------------	-----------------

Sample 1					
1/1	0.3	164.808	4.39	17.07	190.00
1/2	0.3	186.390	5.31	19.31	248.30
1/3	0.3	207.972	6.05	21.54	312.20
1/4	0.3	190.314	5.87	19.71	276.60
1/5	0.3	194.238	5.01	20.12	256.00
1/6	0.3	190.314	5.56	19.71	268.30
1/7	0.3	207.972	5.81	21.54	298.90
1/8	0.3	175.599	5.19	18.19	224.50
1/9	0.3	219.744	5.13	22.76	280.30



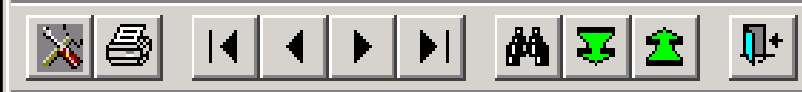
Detail Report For overall (Zoom: 100%)

```

PREMIER Tensomaxx 7000 V2.6                Overall Report                06/03/2008  16:58:04
                                                    Page #: 1 of 1
Premier Evolvics - Demo Lab

Test No           : 6           Test Speed       : 5000 mm/min Operator   : jk
Sample Type       : Yarn        Test Length      : 500 mm Feeding       : Auto
Count             : 60.00 / 1 Nec Pre-Tension          : 0.50 cN/tex
Material          : 100 % cotton Limits For Reports    : F: 100-300 (cN) E: 4.50-6.50 (%)
Samples           : 10          Comments          : for validation
Tests/Sample      : 20          Statistics Type   : None
Roll Off          : N           Material Type     : None
Test Date         : 18/02/2008 Test Time         : 16:59:37
  
```

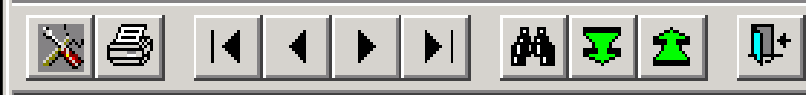
Test	B.Time (sec)	B.Force (cN)	B.Elong (%)	B.Tenacity (RM)	B.Work (Kgf)
Overall Results: (Total)					
200 Test (s)	200 Single test (s)	[Out of range readings:		B.Force	0
Mean Value	0.3	204.34	5.42	21.16	277.81
CV%		7.79	8.02	7.79	12.75
Q95% +/-		2.21	0.06	0.23	4.91
Min Value		154.02	3.66	15.95	168.00
Max Value		240.35	6.36	24.89	359.70



```

PREMIER Tensomaxx 7000 V2.6
Premier Evolvics - Demo Lab
Test No      :6      Test Speed      :5000 mm/min Operator      :jk
Sample Type  :Yarn   Test Length     :500 mm Feeding         :Auto
Count        :60.00 /1 Nec Pre-Tension      :0.50 cN/tex
Material     :100 % cotton Limits For Reports :F: 100-300 (cN) E:4.50-6.50 (%)
Samples      :10     Comments           :for validation
Tests/Sample :20     Statistics Type    :None
Roll Off     :N      Material Type      :None
Test Date    :18/02/2008 Test Time         :16:59:37
  
```

Test	B.Time (sec)	B.Force (cN)	B.Elong (%)	B.Tenacity (PKm)	B.Work (Kgfm)	
Sample 1	20 Single test(s)		[Out of range readings:	B.Force	0 B.Elong(%)	1]
Mean Value	0.3	201.35	5.54	20.86	278.92	
CV%		8.93	7.57	8.93	12.73	
Q95% +/-		8.40	0.20	0.87	16.59	
Min Value		164.81	4.39	17.07	190.00	
Max Value		240.35	6.18	24.89	332.50	
Sample 2	20 Single test(s)		[Out of range readings:	B.Force	0 B.Elong(%)	0]



PREMIER Tensomaxx 7000 V2.6

Within Value Report Type - II

05/03/2008 10:59:14
Page #: 1 of 2

Premier Evolvics - Demo Lab

Test No	: 6	Test Speed	: 5000 mm/min	Operator	: jk
Sample Type	: Yarn	Test Length	: 500 mm	Feeding	: Auto
Count	: 60.00 / 1 Nec	Pre-Tension	: 0.50 cN/tex		
Material	: 100 % cotton	Limits For Reports	: F: 100-300 (cN) E: 4.50-6.50 (%)		
Samples	: 10	Comments	: for validation		
Tests/Sample	: 20	Statistics Type	: None		
Roll Off	: N	Material Type	: None		
Test Date	: 18/02/2008	Test Time	: 16:59:37		

Test	B.Time (sec)	B.Force (cN)	B.Elong (%)	B.Tenacity (PKm)	B.Work (Kgfm)	
Sample 1	20	Single test(s)				[Out of range readings: B.Force 0 B.Elong(%) 1]
Mean Value	0.3	201.35	5.54	20.86	278.92	
CV%		8.93	7.57	8.93	12.73	
Q95% +/-		8.40	0.20	0.87	16.59	
Sample 2	20	Single test(s)				[Out of range readings: B.Force 0 B.Elong(%) 0]
Mean Value	0.3	209.54	5.48	21.70	286.15	
CV%		5.98	6.65	5.98	10.87	



PREMIER Tensomaxx 7000 V2.6

Between Report

05/03/2008 10:59:48

Page #: 1 of 1

Premier Evolvics - Demo Lab

Test No	:6	Test Speed	:5000 mm/min	Operator	:jck
Sample Type	:Yarn	Test Length	:500 mm	Feeding	:Auto
Count	:60.00 / 1 Nec	Pre-Tension	:0.50 cN/tex		
Material	:100 % cotton	Limits For Reports	:F: 100-300 (cN)	E: 4.50-6.50 (%)	
Samples	:10	Comments	:for validation		
Tests/Sample	:20	Statistics Type	:None		
Roll Off	:N	Material Type	:None		
Test Date	:18/02/2008	Test Time	:16:59:37		

Test	B.Time (sec)	E.Force (cN)	B.Elong (%)	B.Tenacity (PKm)	B.Work (Kgf·m)
1	0.3	201.35	5.54	20.86	278.92
2	0.3	209.54	5.48	21.70	286.15
3	0.3	207.78	5.67	21.52	290.41
4	0.3	203.70	5.44	21.10	275.89
5	0.3	206.30	5.44	21.37	277.86
6	0.3	195.71	5.30	20.27	259.45
7	0.3	206.01	5.56	21.34	283.77
8	0.3	201.99	5.02	20.92	262.63

Force Elongation Curve

FE Curve

Test-ID: 6
Sample: Yarn
Count: 60.00 Nec
Material: 100 % cotton

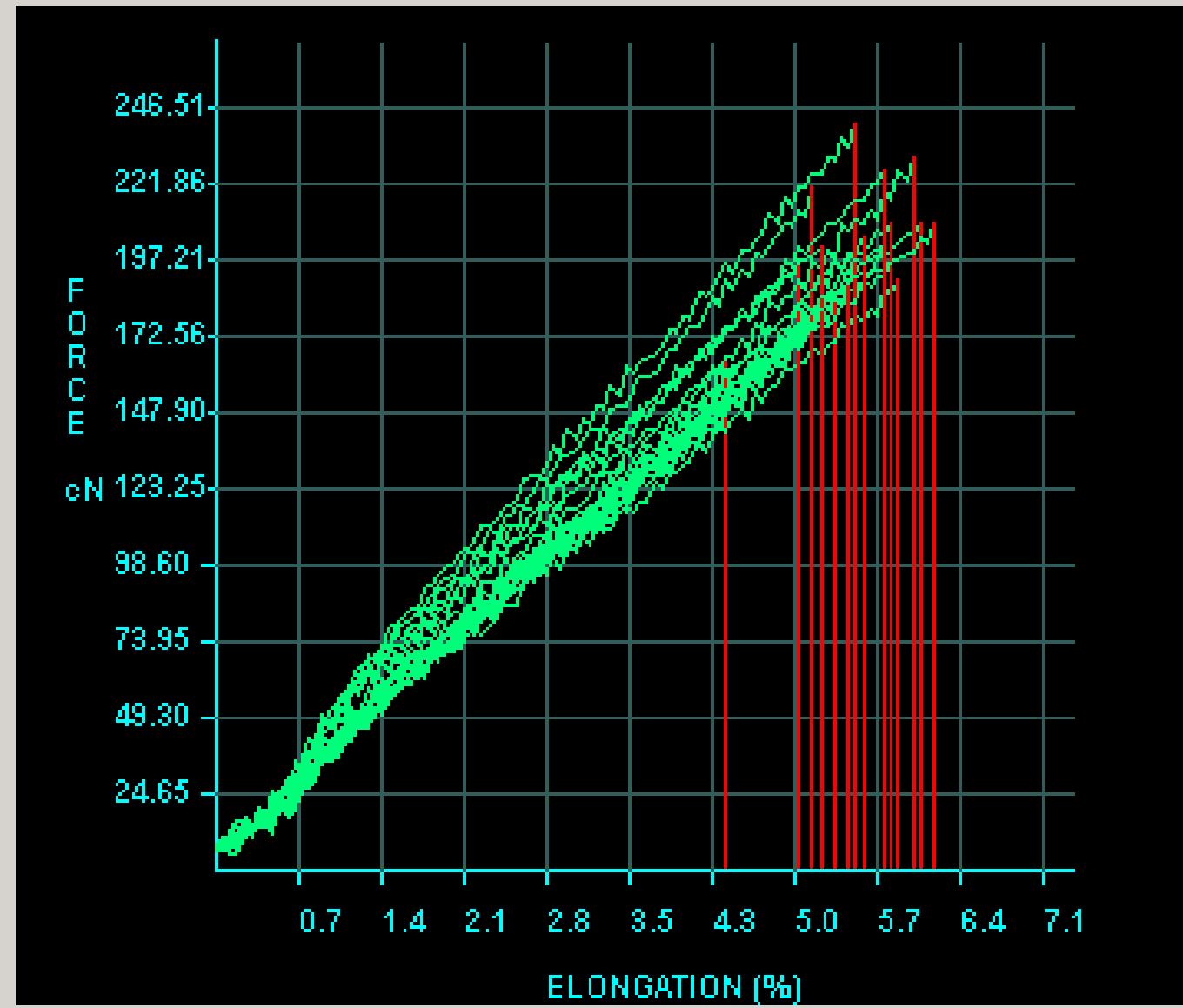
Speed: 5000.00 mm/min
Length: 500.00 mm
Pre-Tension: 0.50 cN/tex

Force
Min: 100.00
Max: 300.00

Elongation
Min: 4.50
Max: 6.50

Test No	B.Time(sec)	B.Force(cN)
1/1	0.25	164.808
1/2	0.29	186.390
1/3	0.34	207.972
1/4	0.34	190.314
1/5	0.29	194.238
1/6	0.29	190.314
1/7	0.34	207.972
1/8	0.29	175.599
1/9	0.29	219.744
1/10	0.29	201.105
1/11	0.29	204.048
1/12	0.34	197.181
1/13	0.29	240.345
1/14	0.34	229.554
1/15	0.34	207.972

Sample: 1 Test/Sample: 20



Sample:

Plot

Print

Stroke Diagram

Stroke Diagram



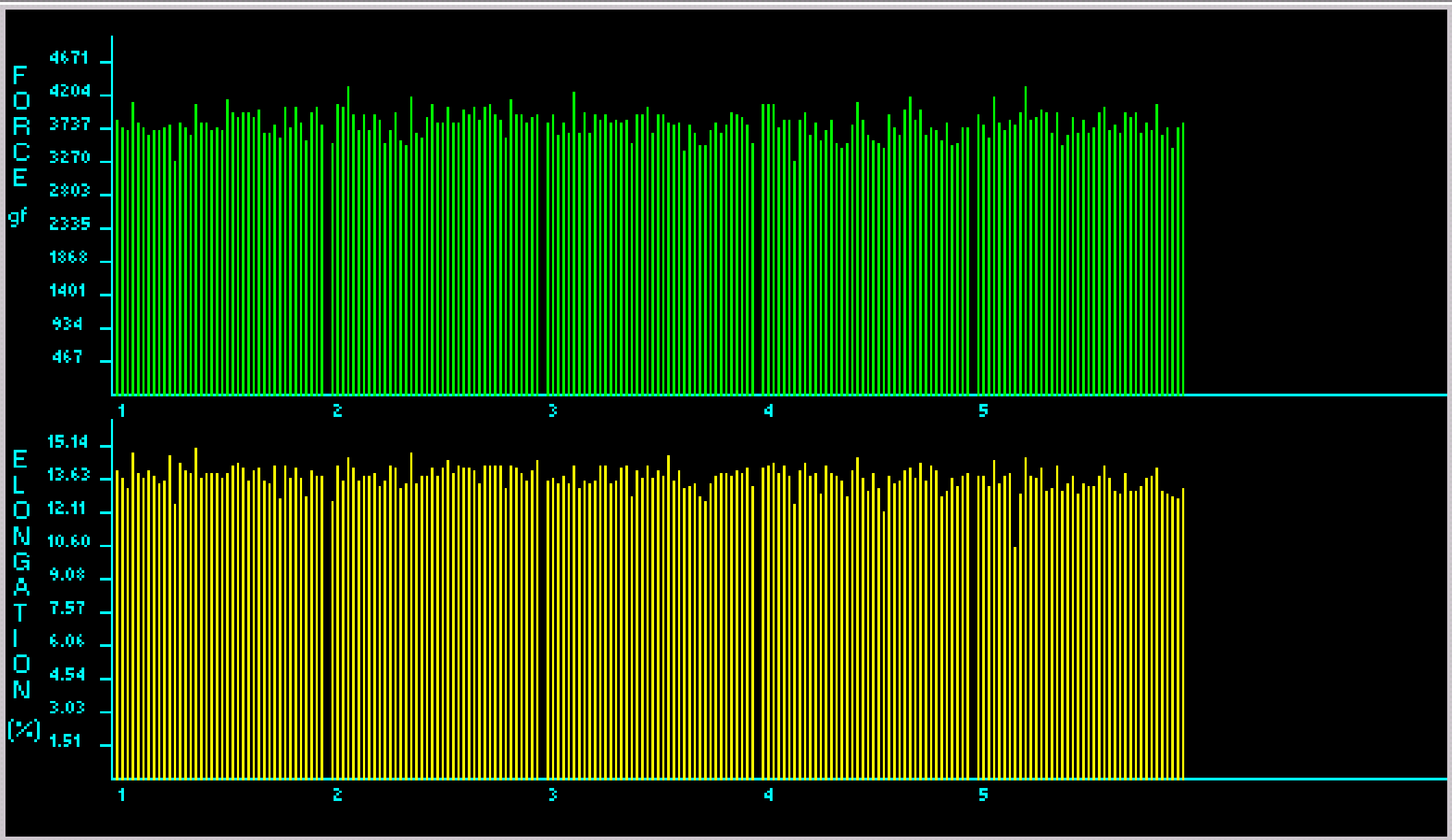
Test No: 5/40
Test-ID: 22
Sample: Yarn
Count: 10.00/2 Nec
Material: POLYESTER

Speed: 5000.00 mm/min
Length: 500.00 mm
Pre-Tension: 0.50 cN/tex

Force
Min: 3000.00
Max: 4200.00

Elongation
Min: 10.00
Max: 18.00

Print



Histogram

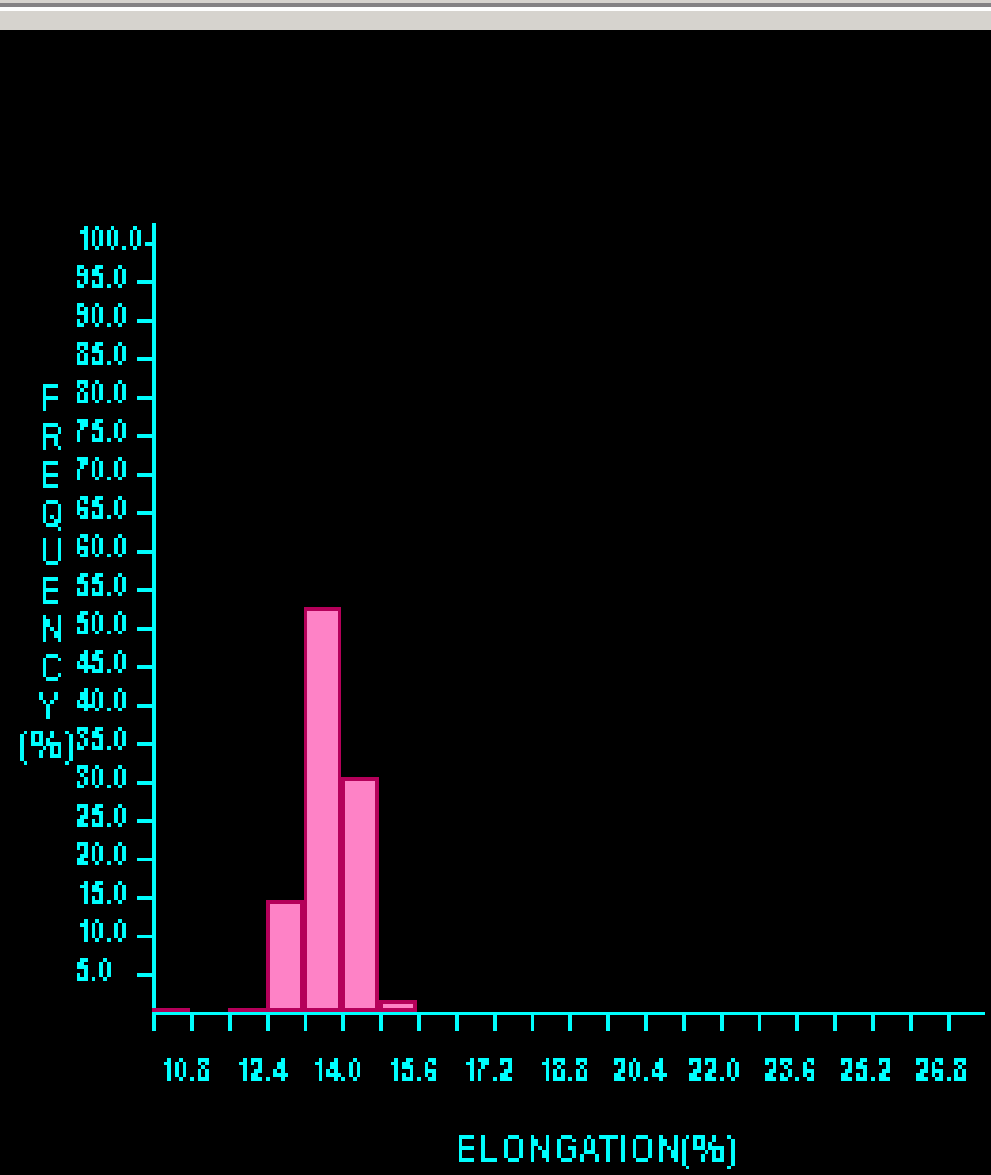
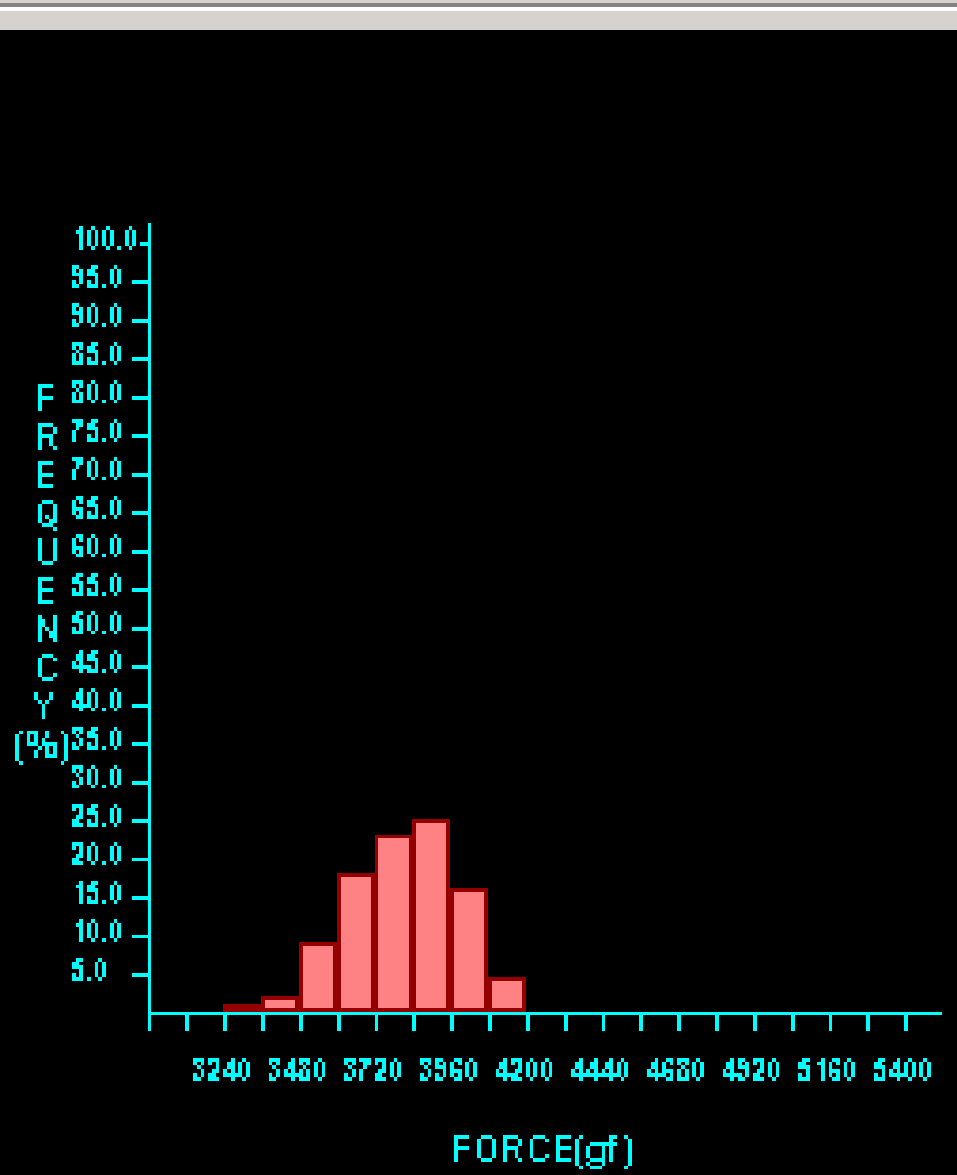
Test No: 5/40
Test-ID: 22
Sample: Yarn
Count: 10.00/2 Nec
Material: POLYESTER

Speed: 5000.00 mm/min
Length: 500.00 mm
Pre-Tension: 0.50 cN/tex

Force
Min: 3000.00
Max: 4200.00

Elongation
Min: 10.00
Max: 18.00

Print



PREMIER