

POLYHEDRON LABS

Lab #34612

Sample : SURFACE DOWN

Run # : 1

Range : 5

COMPRESSIVE TESTING

Speed in/min: 0.05

Sample
Length : 0.496 in.
Width : 0.498 in.
Thickness : 0.499 in.

Compressive Force
at Yield : 1828.3 lbs.
at Break : 6327.2 lbs
Length Compressed
at Yield : 0.047 in.
at Break : 0.248 in.

Compressive Strength
at Yield : 7357.2 psi
at Break : 25461.5 psi

% Compressed
at Yield : 9.419 %
at Break : 50.032 %

Tangent Modulus:
100865.1 psi

----- (150) -----

Select :

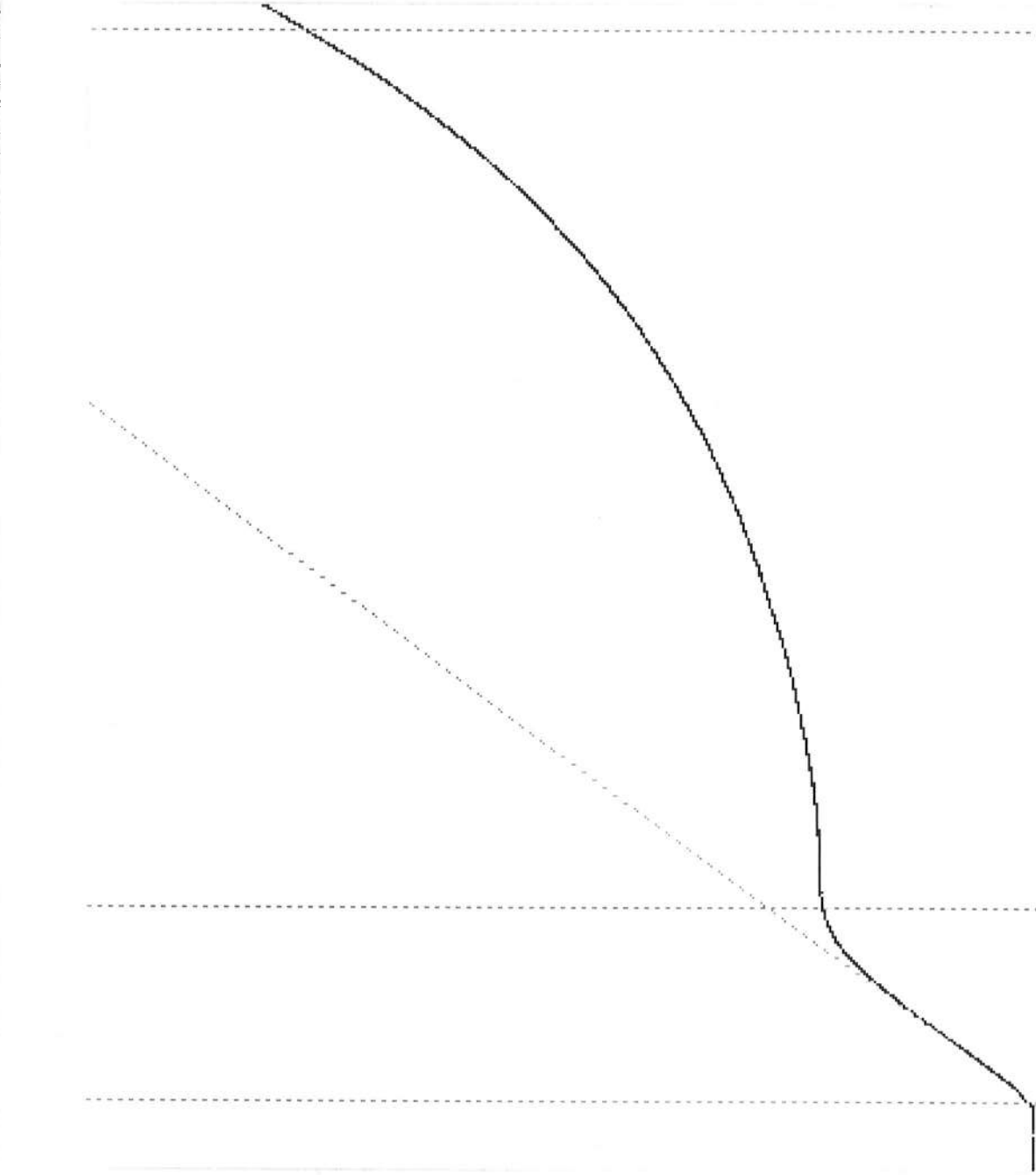
- L - draw lines
- R - current result
- C - change labels
- P - print graph
- Q - quit



POLYHEDRON LABS Lab #34612

Sample : SURFACE DOWN
Run # : 2
Range : 5

COMPRESSIVE TESTING
Speed in/min: 0.05



Sample
Length : 0.498 in.
Width : 0.504 in.
Thickness : 0.500 in.

Compressive Force
at Yield : 1801.6 lbs.
at Break : 6261.5 lbs
Length Compressed
at Yield : 0.045 in.
at Break : 0.249 in.

Compressive Strength
at Yield : 7149.2 psi
at Break : 24847.1 psi

% Compressed
at Yield : 9.016 %
at Break : 49.953 %

Tanqent Modulus:
98425.9 psi

-----<150>-----
Select :
L - draw lines
R - current result
C - change labels
P - print graph
Q - quit

POLYHEDRON LABS Lab #34612

Sample : SURFACE DOWN
Run # : 3
Range : 5

COMPRESSIVE TESTING
Speed in/min: 0.05

Sample
Length : 0.497 in.
Width : 0.498 in.
Thickness : 0.501 in.

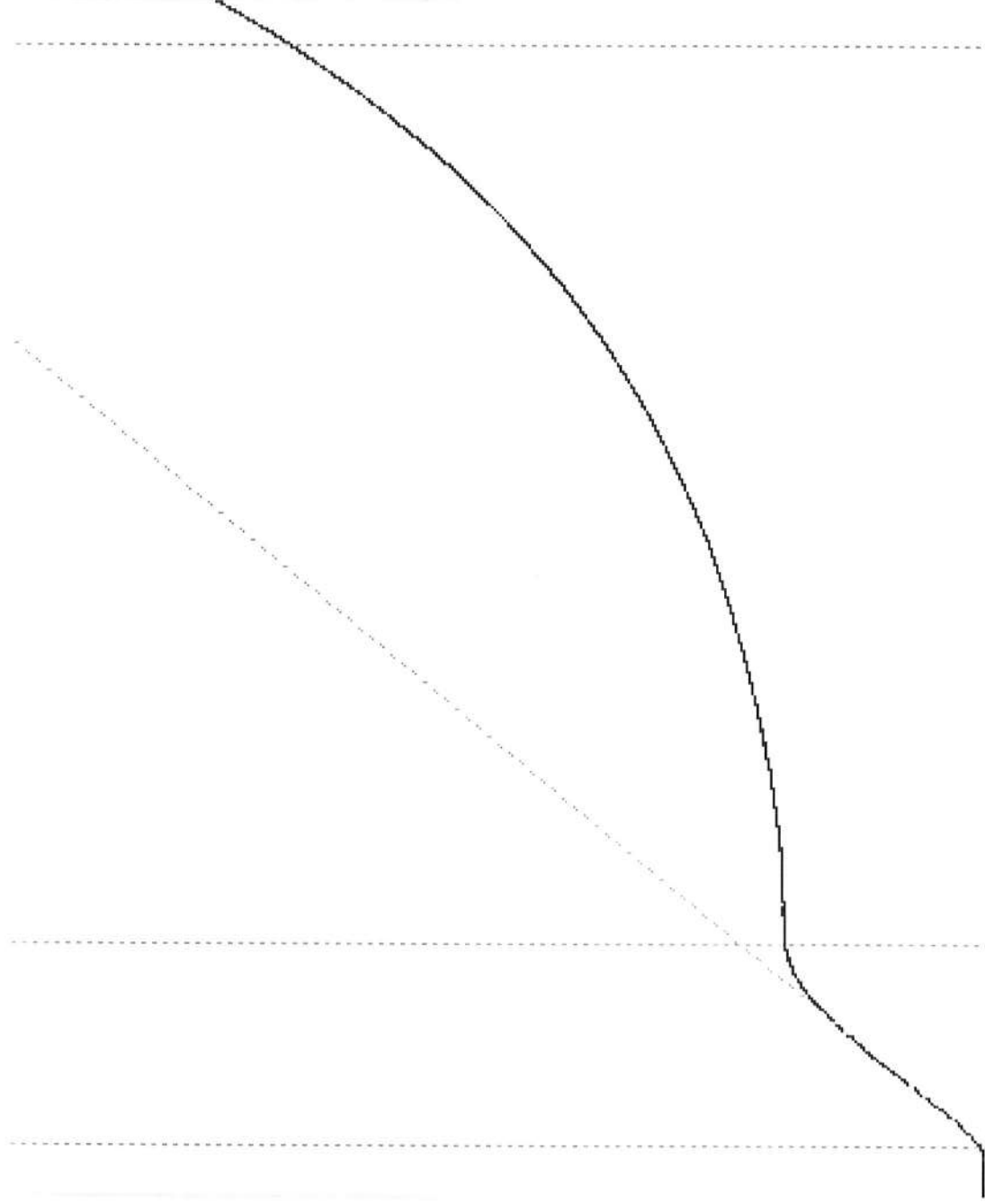
Compressive Force
at Yield : 1835.8 lbs.
at Break : 6489.3 lbs
Length Compressed
at Yield : 0.046 in.
at Break : 0.249 in.

Compressive Strength
at Yield : 7358.1 psi
at Break : 26009.4 psi

% Compressed
at Yield : 9.156 %
at Break : 50.053 %

Tangent Modulus:
99701.2 psi

----- (150) -----
Select :
L - draw lines
R - current result
C - change labels
P - print graph
Q - quit



POLYHEDRON LABS Lab #34612

Sample : SURFACE DOWN
Run # : 4
Range : 5

COMPRESSIVE TESTING
Speed in/min: 0.05

Sample
Length : 0.496 in.
Width : 0.499 in.
Thickness : 0.502 in.

Compressive Force
at Yield : 1861.5 lbs.
at Break : 6465.1 lbs
Length Compressed
at Yield : 0.047 in.
at Break : 0.248 in.

Compressive Strength
at Yield : 7431.3 psi
at Break : 25809.2 psi

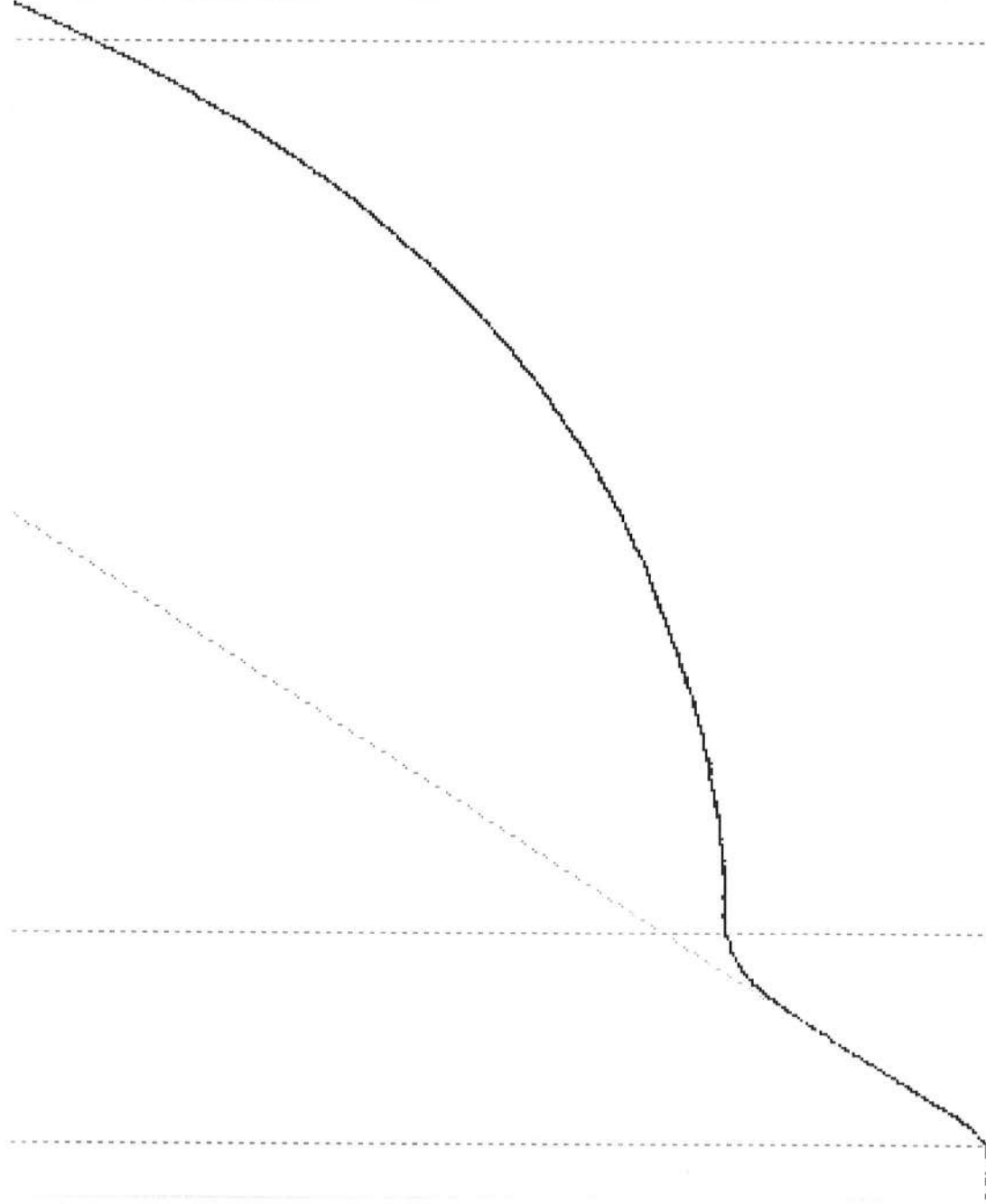
% Compressed
at Yield : 9.542 %
at Break : 50.032 %

Tangent Modulus:
99315.5 psi

----- (150) -----

Select :

- L - draw lines
- R - current result
- C - change labels
- P - print graph
- Q - quit



POLYHEDRON LABS Lab #34612

Sample : SURFACE DOWN
Run # : 5
Range : 5

COMPRESSIVE TESTING
Speed in/min: 0.05

Sample
Length : 0.497 in.
Width : 0.499 in.
Thickness : 0.501 in.

Compressive Force
at Yield : 1827.9 lbs.
at Break : 6564.4 lbs

Length Compressed
at Yield : 0.047 in.
at Break : 0.249 in.

Compressive Strength
at Yield : 7311.5 psi
at Break : 26257.8 psi

% Compressed
at Yield : 9.400 %
at Break : 50.053 %

Tangent Modulus:
101187.0 psi

----- (150) -----
Select :
L - draw lines
R - current result
C - change labels
P - print graph
Q - quit



POLYHEDRON LABS Lab #34612

Sample : SIGN ON THE SIDE
Run # : 6
Range : 5

COMPRESSIVE TESTING
Speed in/min: 0.05

Sample
Length : 0.503 in.
Width : 0.498 in.
Thickness : 0.501 in.

Compressive Force
at Yield : 1835.3 lbs.
at Break : 6277.2 lbs

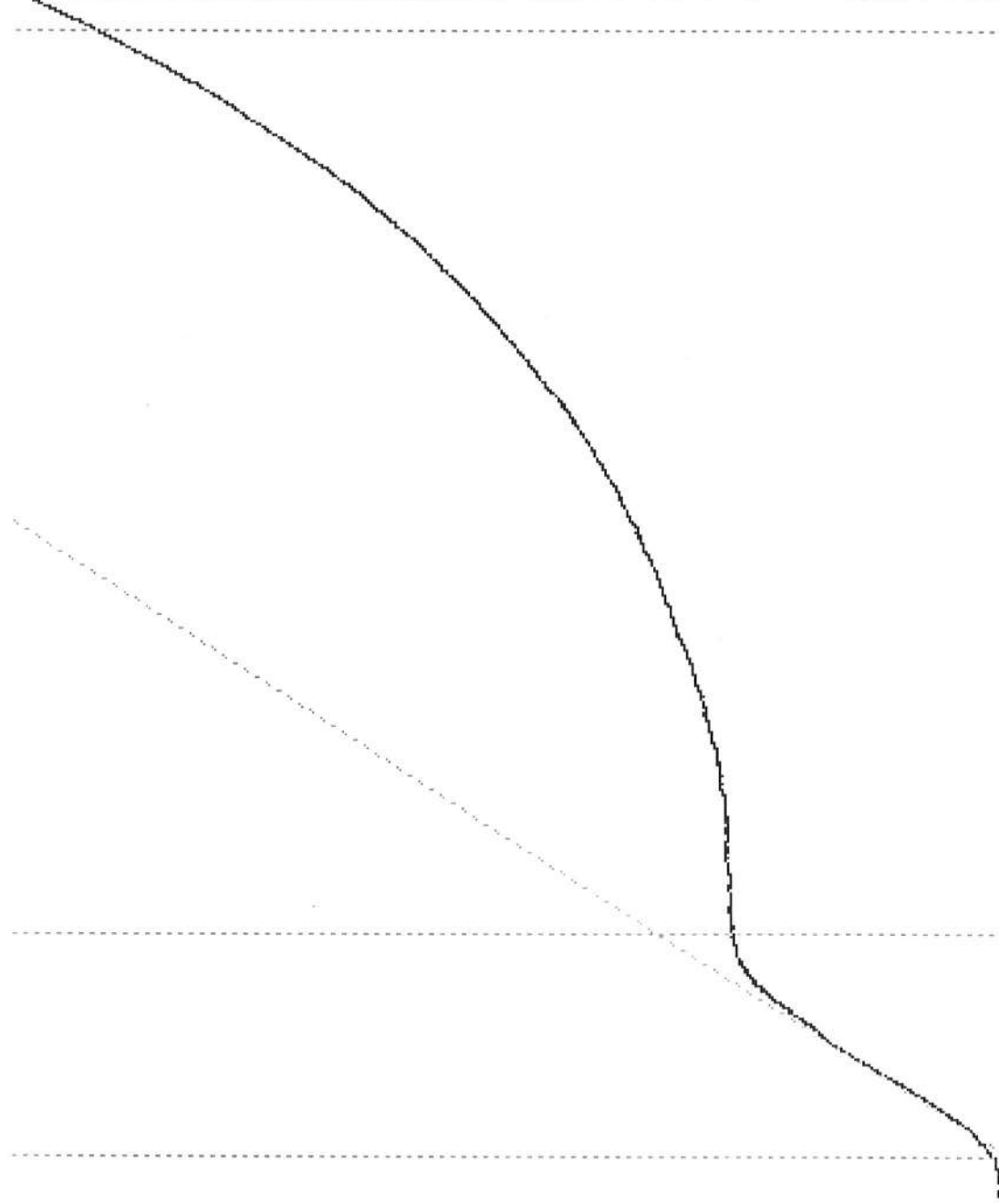
Length Compressed
at Yield : 0.050 in.
at Break : 0.251 in.

Compressive Strength
at Yield : 7356.2 psi
at Break : 25159.2 psi

% Compressed
at Yield : 9.891 %
at Break : 49.939 %

Tangent Modulus:
99104.5 psi

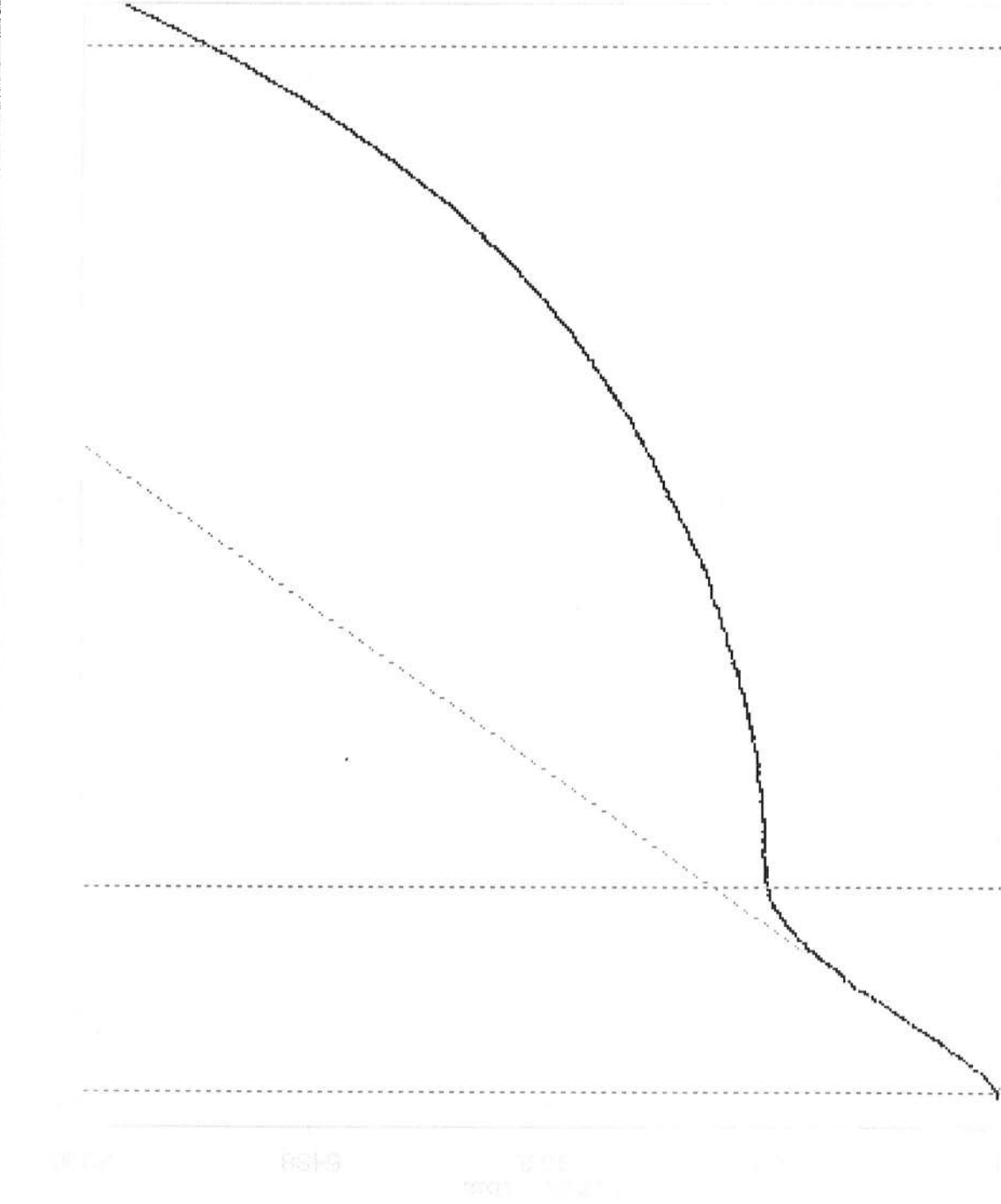
----- (150) -----
Select :
L - draw lines
R - current result
C - change labels
P - print graph
Q - quit



POLYHEDRON LABS Lab #34612

Sample : SIGN ON THE SIDE
Run # : 7
Range : 5

COMPRESSIVE TESTING
Speed in/min: 0.05



Sample
Length : 0.502 in.
Width : 0.498 in.
Thickness : 0.497 in.

Compressive Force
at Yield : 1824.7 lbs.
at Break : 6341.2 lbs
Length Compressed
at Yield : 0.049 in.
at Break : 0.251 in.

Compressive Strength
at Yield : 7372.3 psi
at Break : 25620.5 psi

% Compressed
at Yield : 9.669 %
at Break : 50.038 %

Tanqent Modulus:
97233.9 psi

-----<150>-----

Select :
L - draw lines
R - current result
C - change labels
P - print graph
Q - quit

POLYHEDRON LABS

Lab #34612

Sample : SIGN ON THE SIDE

Run # : 8

Range : 5

COMPRESSIVE TESTING

Speed in/min: 0.05

Sample Length : 0.499 in.
Width : 0.504 in.
Thickness : 0.497 in.

Compressive Force
at Yield : 1812.7 lbs.
at Break : 6458.8 lbs

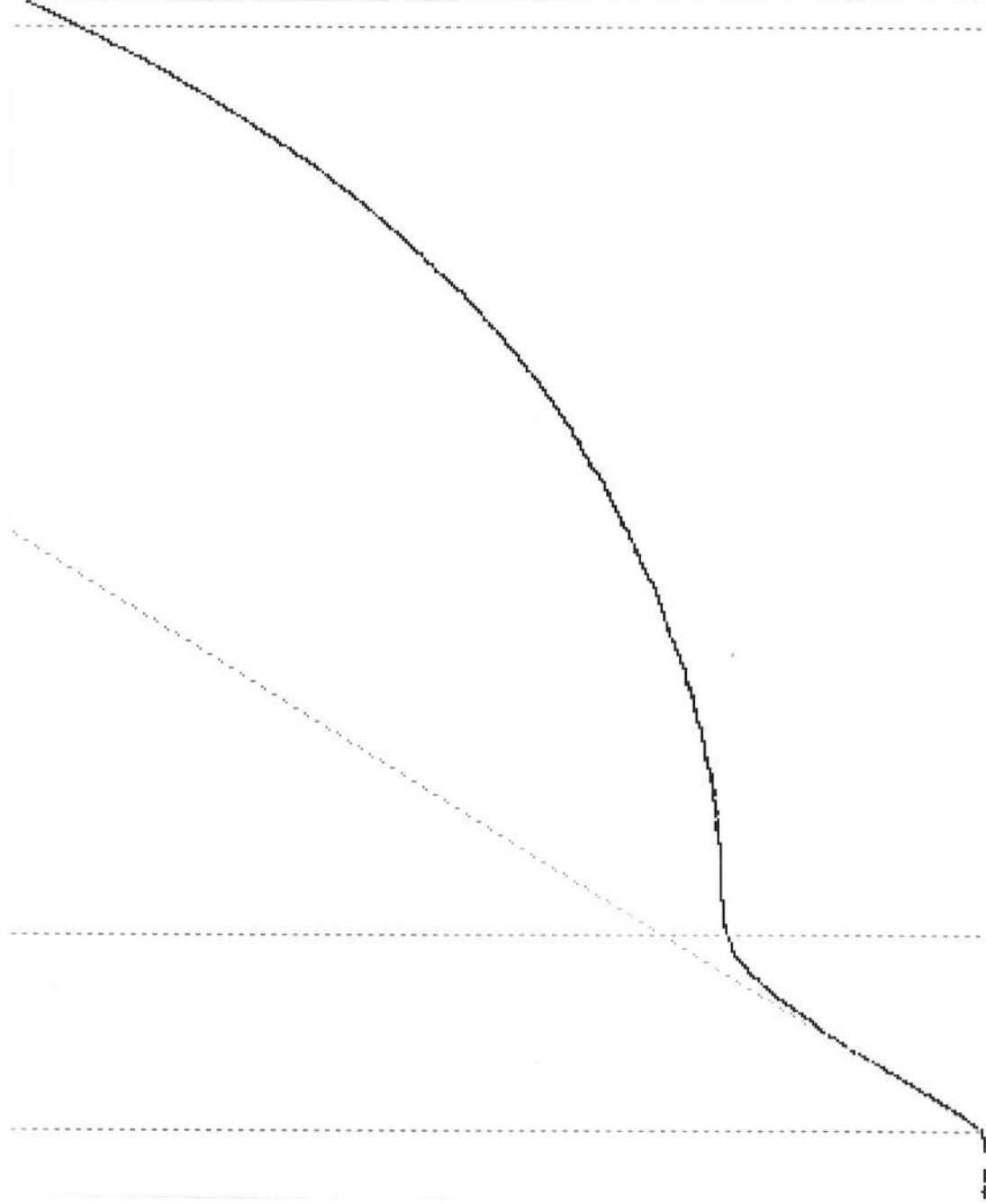
Length Compressed
at Yield : 0.044 in.
at Break : 0.249 in.

Compressive Strength
at Yield : 7236.9 psi
at Break : 25784.9 psi

% Compressed
at Yield : 8.876 %
at Break : 49.974 %

Tanqent Modulus:
102344.1 psi

-----<150>-----
Select :
L - draw lines
R - current result
C - change labels
P - print graph
Q - quit



POLYHEDRON LABS

Lab #34612

Sample : SIGN ON THE SIDE

Run # : 9

Range : 5

COMPRESSIVE TESTING

Speed in/min: 0.05

Sample
Length : 0.498 in.
Width : 0.498 in.
Thickness : 0.499 in.

Compressive Force
at Yield : 1810.2 lbs.
at Break : 6278.4 lbs
Length Compressed
at Yield : 0.048 in.
at Break : 0.249 in.

Compressive Strength
at Yield : 7284.5 psi
at Break : 25264.9 psi

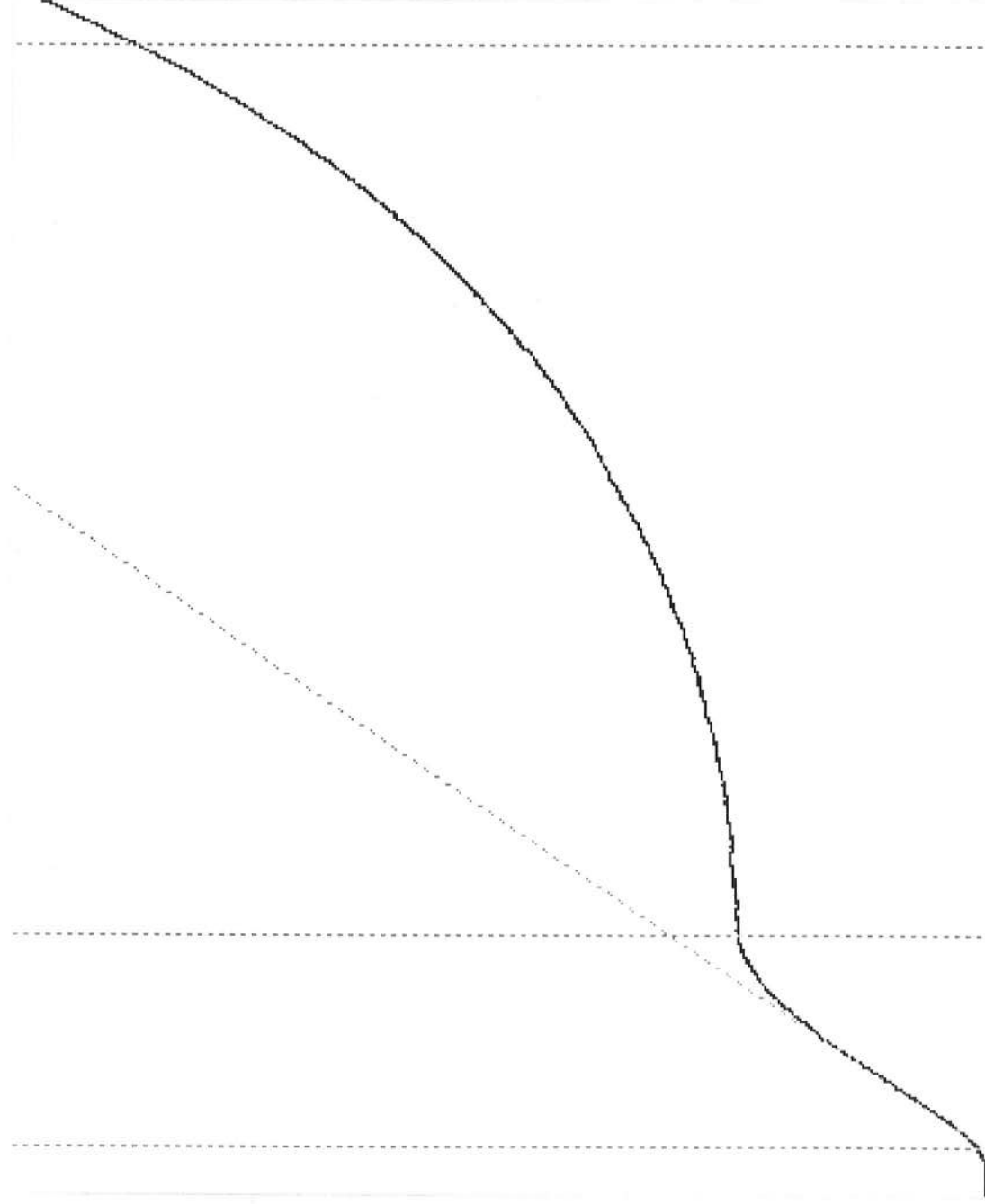
% Compressed
at Yield : 9.625 %
at Break : 50.074 %

Tangent Modulus:
96660.4 psi

-----<150>-----

Select :

- L - draw lines
- R - current result
- C - change labels
- P - print graph
- Q - quit



Lab #34612

Range : 5

Speed in/min: 0.05

Thickness : 0.499 in.

at Break : 0.252 in.

at Break : 25944.8 psi

at Break : 50.059 %

96759.7 psi

quit
- 0