

Unirradiated Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/24/2022 4:44 PM

A = 58.10 B = 55.90 C = 90.08 T0 = -84.86 D = 0.00

Correlation Coefficient = 0.952

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf Energy = 114.00 (Fixed)

Lower Shelf Energy = 2.20 (Fixed)

Temp@30 ft-lbs=-134.60° F

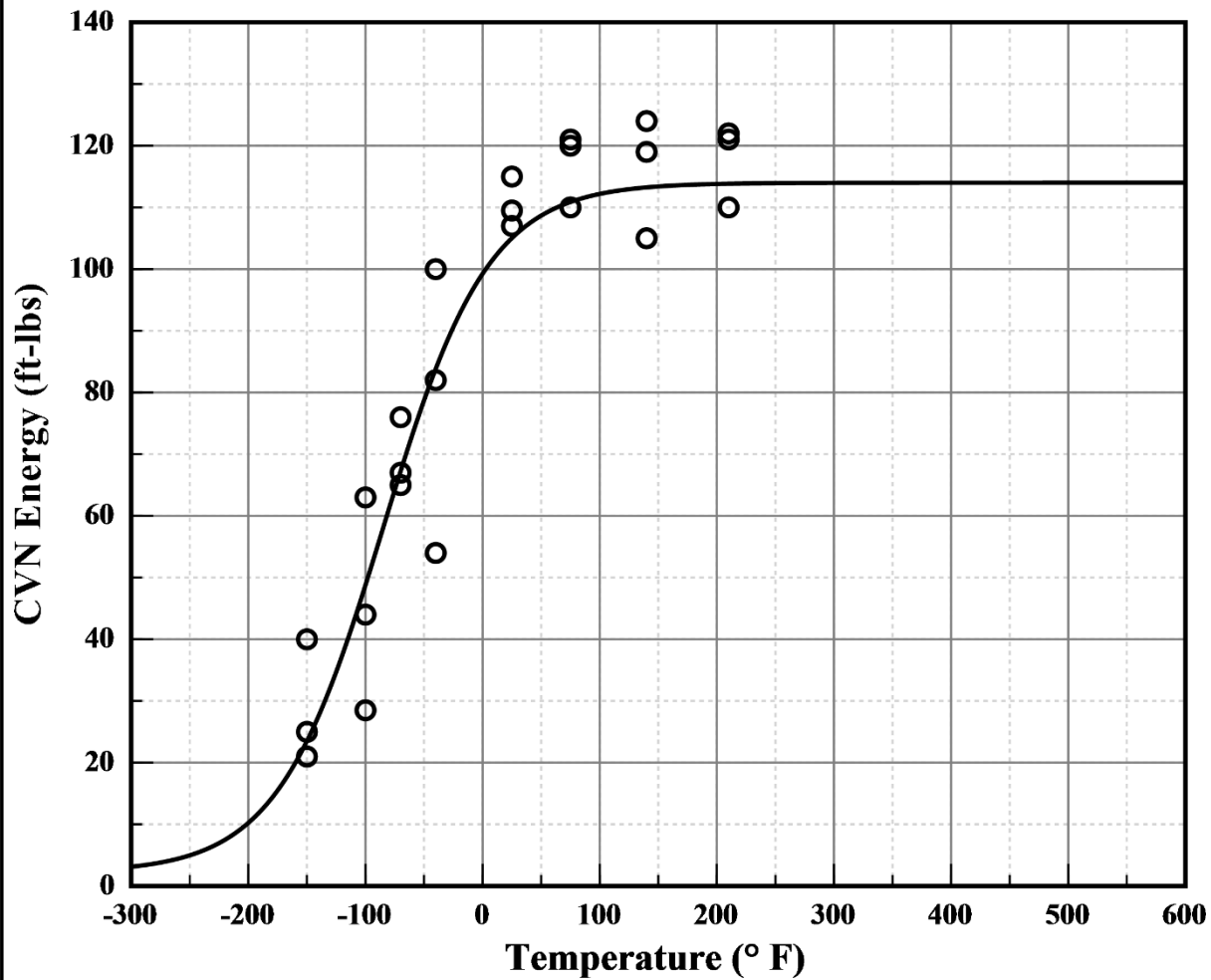
Temp@35 ft-lbs=-124.40° F

Temp@50 ft-lbs=-98.00° F

Plant: **Prairie Island 2**
Orientation: **NA**

Material: **SA508CL3**
Capsule: **Unirrad**

Heat: **22642**
Fluence: **0.00E+000 n/cm²**



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: **Unirrad**

Heat: **22642**
Fluence: **0.00E+000 n/cm²**

Unirradiated Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input CVN	Computed CVN	Differential
-150	21.0	23.5	-2.51
-150	40.0	23.5	16.49
-150	25.0	23.5	1.49
-100	63.0	48.8	14.21
-100	28.5	48.8	-20.29
-100	44.0	48.8	-4.79
-70	67.0	67.2	-0.24
-70	65.0	67.2	-2.24
-70	76.0	67.2	8.76
-40	54.0	83.8	-29.84
-40	82.0	83.8	-1.84
-40	100.0	83.8	16.16
25	115.0	105.0	9.97
25	107.0	105.0	1.97
25	109.5	105.0	4.47
75	120.0	110.9	9.12
75	110.0	110.9	-0.88
75	121.0	110.9	10.12
140	105.0	113.2	-8.25
140	119.0	113.2	5.75
140	124.0	113.2	10.75
210	122.0	113.8	8.16
210	121.0	113.8	7.16
210	110.0	113.8	-3.84

Capsule V Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/25/2022 8:06 AM

A = 62.10 B = 59.90 C = 108.84 T0 = -26.66 D = 0.00

Correlation Coefficient = 0.965

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf Energy = 122.00 (Fixed)

Lower Shelf Energy = 2.20 (Fixed)

Temp@30 ft-lbs=-91.70° F

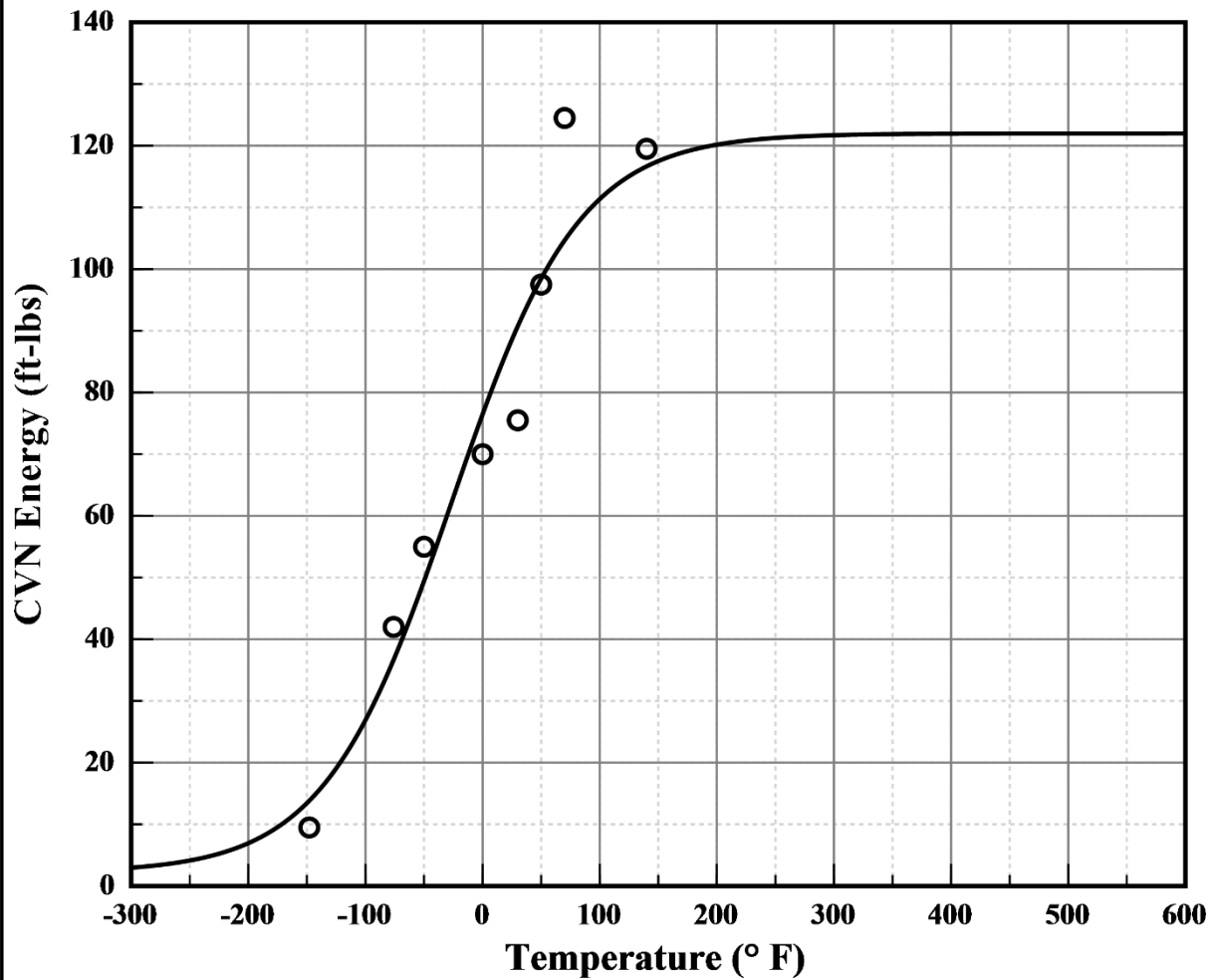
Temp@35 ft-lbs=-79.70° F

Temp@50 ft-lbs=-48.90° F

Plant: Prairie Island 2
Orientation: NA

Material: SA508CL3
Capsule: V

Heat: 22642
Fluence: 5.98E+018 n/cm²



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: V

Heat: **22642**
Fluence: **5.98E+018 n/cm²**

Capsule V Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input CVN	Computed CVN	Differential
-148	9.5	13.8	-4.33
-76	42.0	36.7	5.34
-50	55.0	49.4	5.55
0	70.0	76.5	-6.48
30	75.5	90.7	-15.24
50	97.5	98.5	-0.97
70	124.5	104.7	19.84
140	119.5	116.6	2.85

Capsule T Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/25/2022 10:21 AM

A = 50.45 B = 48.25 C = 84.27 T0 = -47.66 D = 0.00

Correlation Coefficient = 0.832

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf Energy = 98.70 (Fixed)

Lower Shelf Energy = 2.20 (Fixed)

Temp@30 ft-lbs=-85.70° F

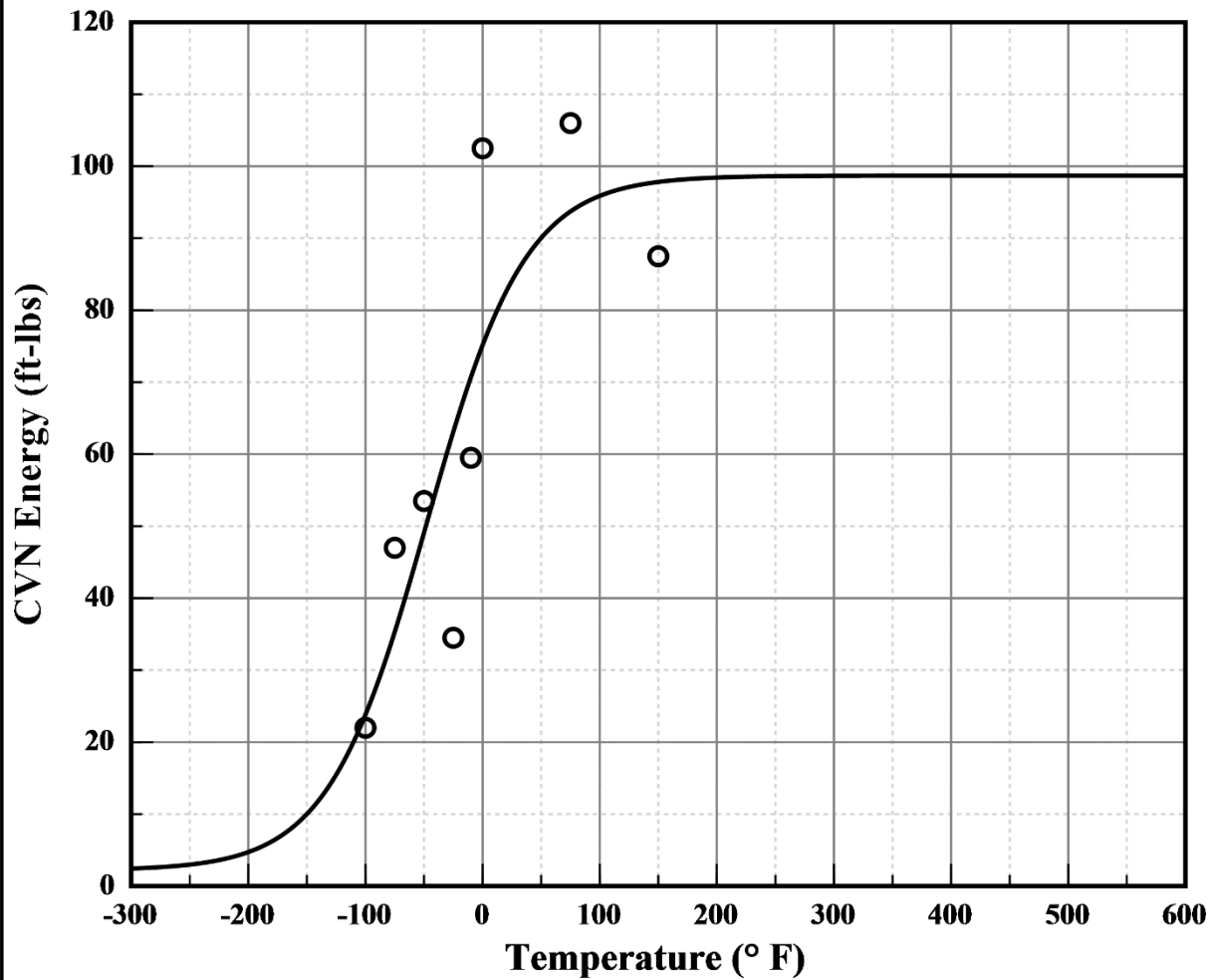
Temp@35 ft-lbs=-75.60° F

Temp@50 ft-lbs=-48.40° F

Plant: **Prairie Island 2**
Orientation: **NA**

Material: **SA508CL3**
Capsule: **T**

Heat: **22642**
Fluence: **1.10E+019 n/cm²**



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: T

Heat: **22642**
Fluence: **1.10E+019 n/cm²**

Capsule T Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input CVN	Computed CVN	Differential
-100	22.0	23.8	-1.82
-75	47.0	35.3	11.68
-50	53.5	49.1	4.39
-25	34.5	63.1	-28.62
-10	59.5	70.7	-11.18
0	102.5	75.2	27.34
75	106.0	93.7	12.28
150	87.5	97.8	-10.32

Capsule R Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/31/2022 6:31 AM

A = 45.25 B = 43.05 C = 55.33 T0 = 13.41 D = 0.00

Correlation Coefficient = 0.998

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf Energy = 88.30 (Fixed)

Lower Shelf Energy = 2.20 (Fixed)

Temp@30 ft-lbs= -7.00° F

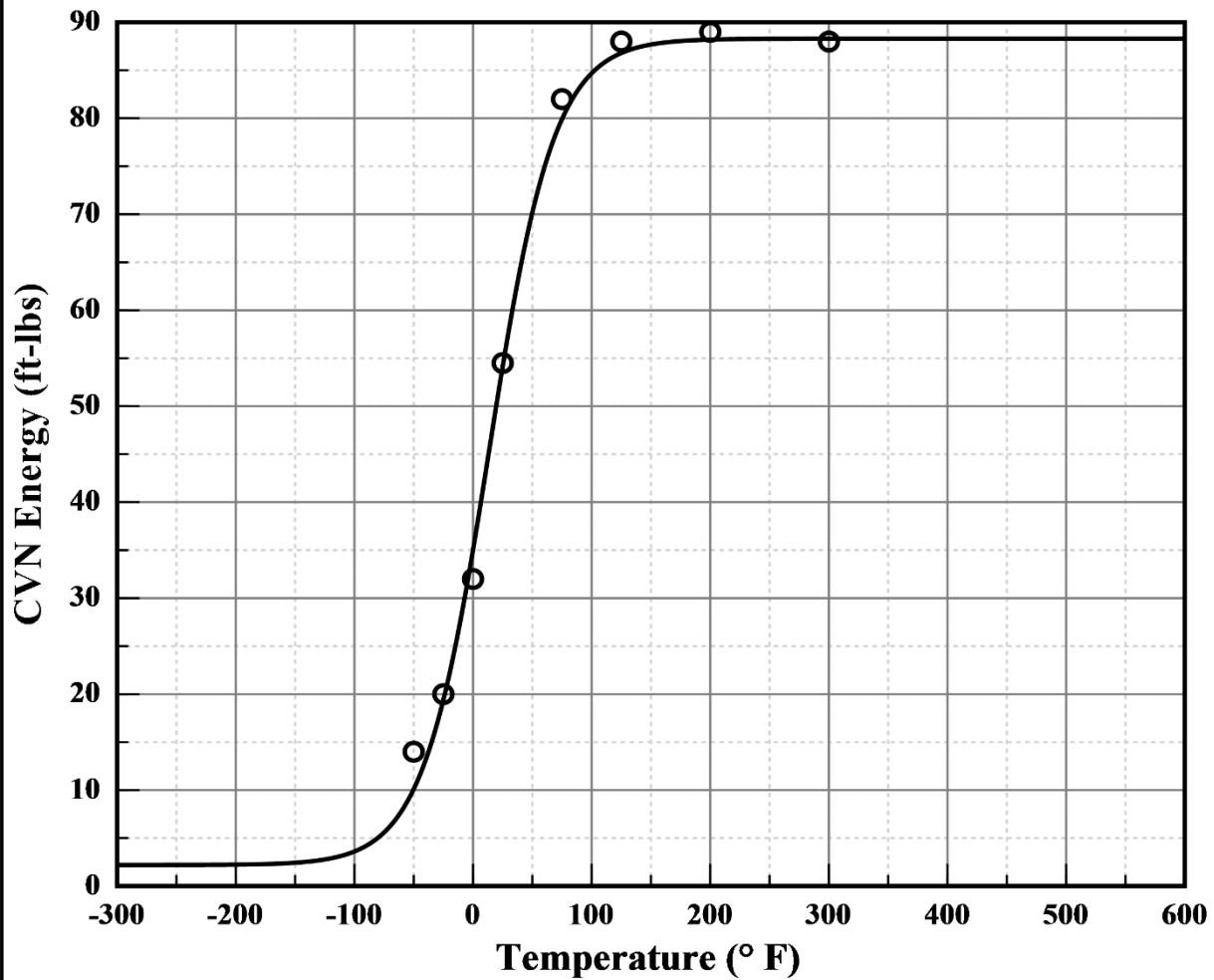
Temp@35 ft-lbs= 0.00° F

Temp@50 ft-lbs= 19.60° F

Plant: **Prairie Island 2**
Orientation: **NA**

Material: **SA508CL3**
Capsule: **R**

Heat: **22642**
Fluence: **4.11E+019 n/cm²**



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: R

Heat: **22642**
Fluence: **4.11E+019 n/cm²**

Capsule R Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input CVN	Computed CVN	Differential
-50	14.0	10.1	3.90
-25	20.0	19.4	0.61
0	32.0	35.0	-3.02
25	54.5	54.1	0.36
75	82.0	79.9	2.09
125	88.0	86.8	1.20
200	89.0	88.2	0.80
300	88.0	88.3	-0.30

Capsule P Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/31/2022 10:51 AM

A = 49.10 B = 46.90 C = 151.07 T0 = 11.89 D = 0.00

Correlation Coefficient = 0.968

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf Energy = 96.00 (Fixed)

Lower Shelf Energy = 2.20 (Fixed)

Temp@30 ft-lbs=-53.40° F

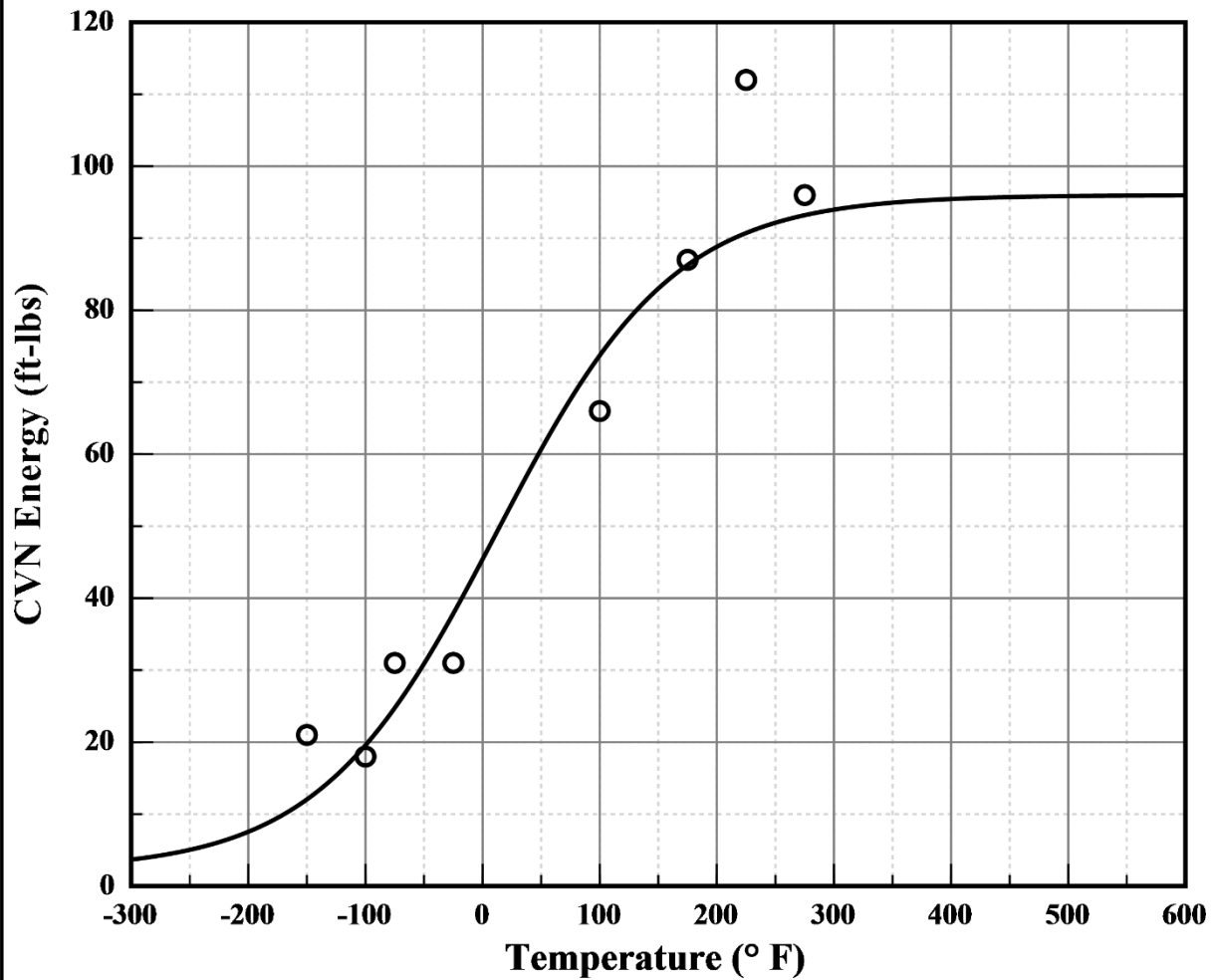
Temp@35 ft-lbs=-34.90° F

Temp@50 ft-lbs= 14.80° F

Plant: **Prairie Island 2**
Orientation: **NA**

Material: **SA508CL3**
Capsule: **P**

Heat: **22642**
Fluence: **4.27E+019 n/cm²**



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: P

Heat: **22642**
Fluence: **4.27E+019 n/cm²**

Capsule P Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input CVN	Computed CVN	Differential
-150	21.0	12.0	8.95
-100	18.0	19.6	-1.58
-75	31.0	24.8	6.25
-25	31.0	37.9	-6.87
100	66.0	73.7	-7.72
175	87.0	86.3	0.70
225	112.0	90.7	21.27
275	96.0	93.2	2.79

Capsule N Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 7/12/2022 7:11 AM

A = 42.10 B = 39.90 C = 76.98 T0 = 34.92 D = 0.00

Correlation Coefficient = 0.944

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf Energy = 82.00 (Fixed)

Lower Shelf Energy = 2.20 (Fixed)

Temp@30 ft-lbs= 10.90° F

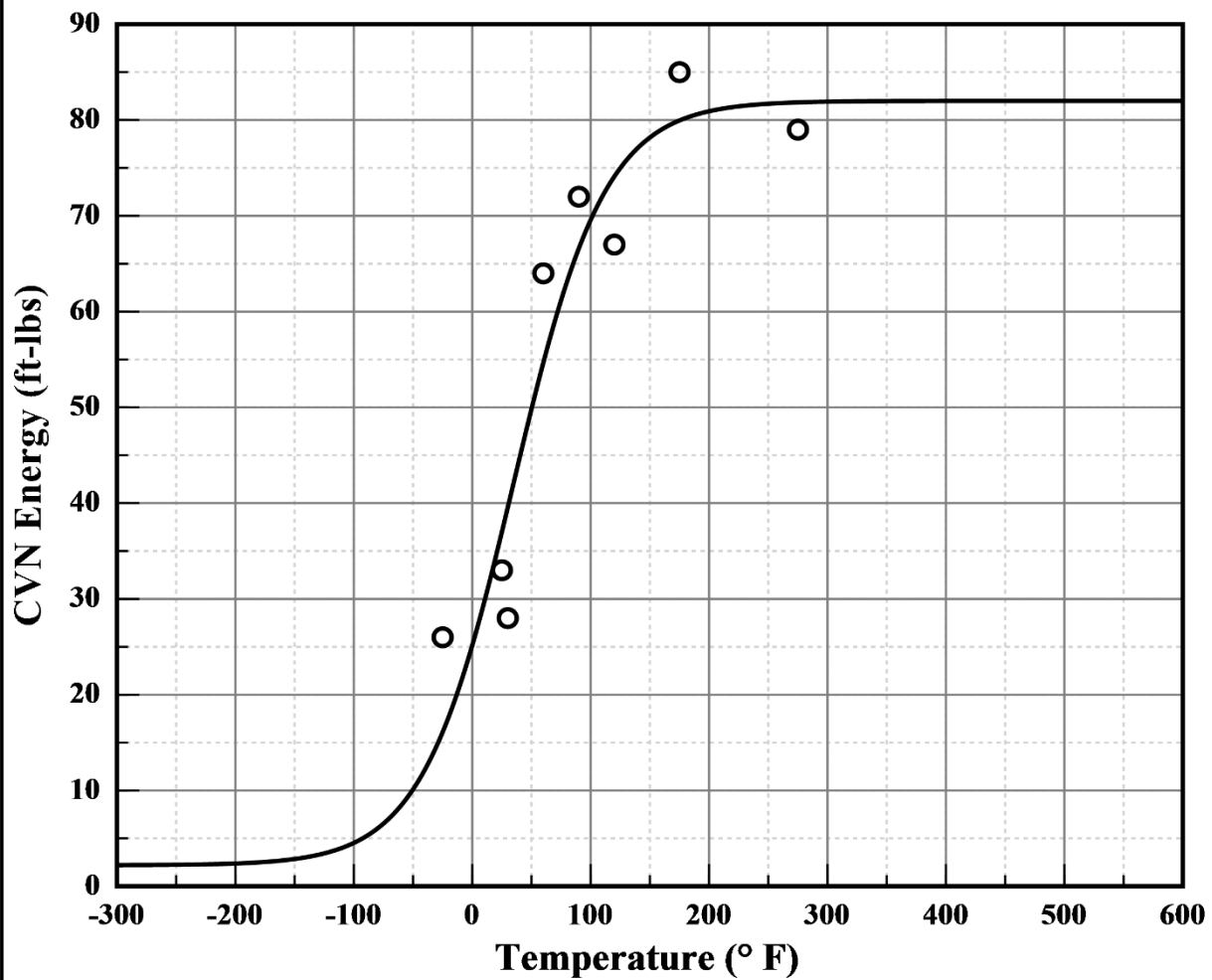
Temp@35 ft-lbs= 21.10° F

Temp@50 ft-lbs= 50.40° F

Plant: **Prairie Island 2**
Orientation: **NA**

Material: **SA508CL3**
Capsule: **N**

Heat: **22642**
Fluence: **8.41E+019 n/cm²**



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: N

Heat: **22642**
Fluence: **8.41E+019 n/cm²**

Capsule N Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input CVN	Computed CVN	Differential
-25	26.0	16.1	9.91
25	33.0	37.0	-3.99
30	28.0	39.6	-11.55
60	64.0	54.7	9.34
90	72.0	66.6	5.40
120	67.0	74.1	-7.11
175	85.0	80.0	5.04
275	79.0	81.8	-2.84

Unirradiated Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/24/2022 4:46 PM

A = 39.14 B = 38.14 C = 136.53 T0 = -71.33 D = 0.00

Correlation Coefficient = 0.934

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

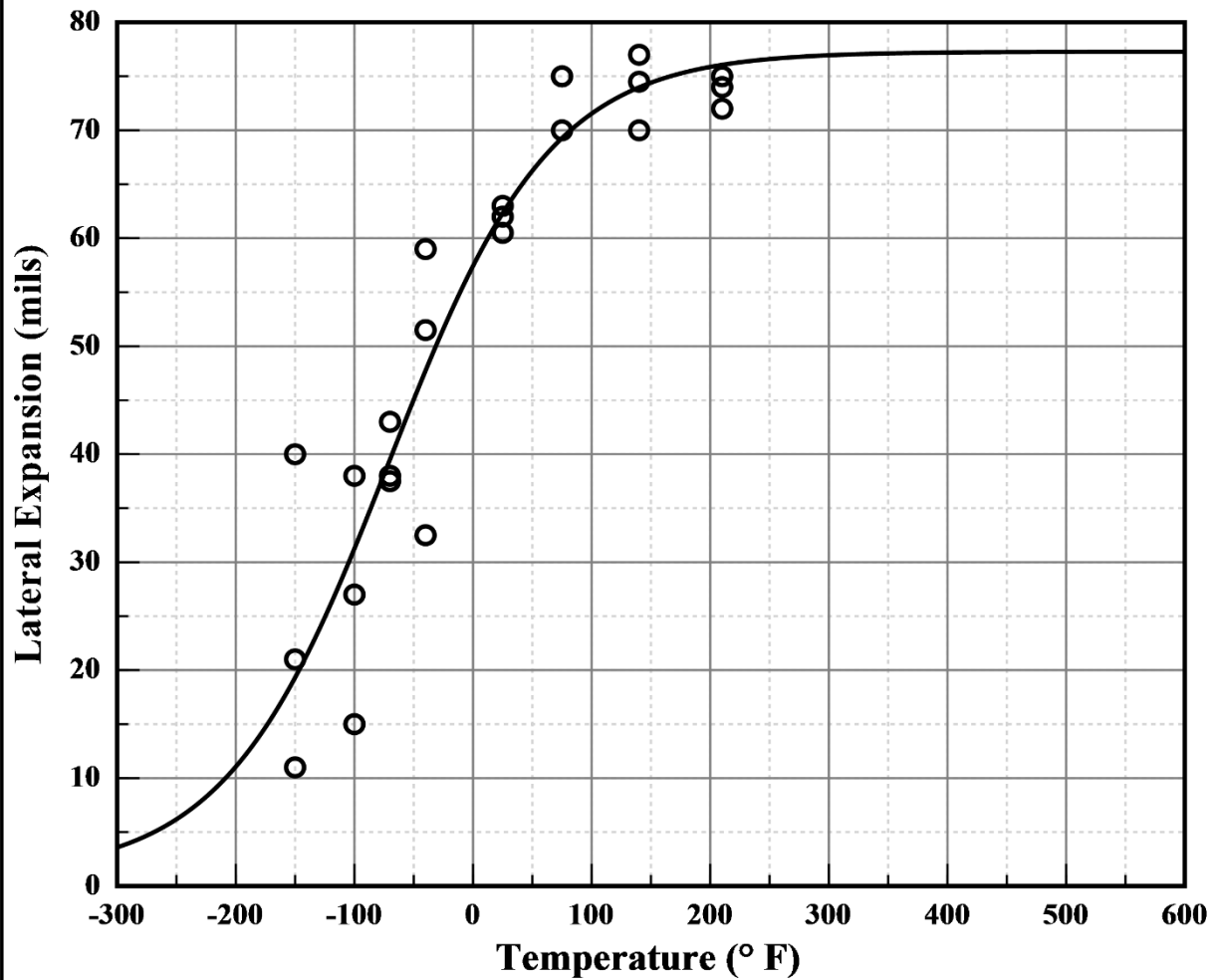
Upper Shelf L.E. = 77.28 Lower Shelf L.E. = 1.00 (Fixed)

Temp@35 mils=-86.20° F

Plant: **Prairie Island 2**
Orientation: **NA**

Material: **SA508CL3**
Capsule: **Unirrad**

Heat: **22642**
Fluence: **0.00E+000 n/cm²**



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: **Unirrad**

Heat: **22642**
Fluence: **0.00E+000 n/cm²**

Unirradiated Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input L. E.	Computed L. E.	Differential
-150	40.0	19.3	20.69
-150	21.0	19.3	1.69
-150	11.0	19.3	-8.31
-100	38.0	31.2	6.75
-100	15.0	31.2	-16.25
-100	27.0	31.2	-4.25
-70	38.0	39.5	-1.51
-70	37.5	39.5	-2.01
-70	43.0	39.5	3.49
-40	32.5	47.7	-15.24
-40	51.5	47.7	3.76
-40	59.0	47.7	11.26
25	63.0	62.3	0.68
25	62.0	62.3	-0.32
25	60.5	62.3	-1.82
75	75.0	69.3	5.72
75	70.0	69.3	0.72
75	75.0	69.3	5.72
140	70.0	74.0	-3.98
140	77.0	74.0	3.02
140	74.5	74.0	0.52
210	74.0	76.1	-2.06
210	72.0	76.1	-4.06
210	75.0	76.1	-1.06

Capsule V Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/25/2022 8:11 AM

A = 39.97 B = 38.97 C = 122.34 T0 = -37.60 D = 0.00

Correlation Coefficient = 0.992

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

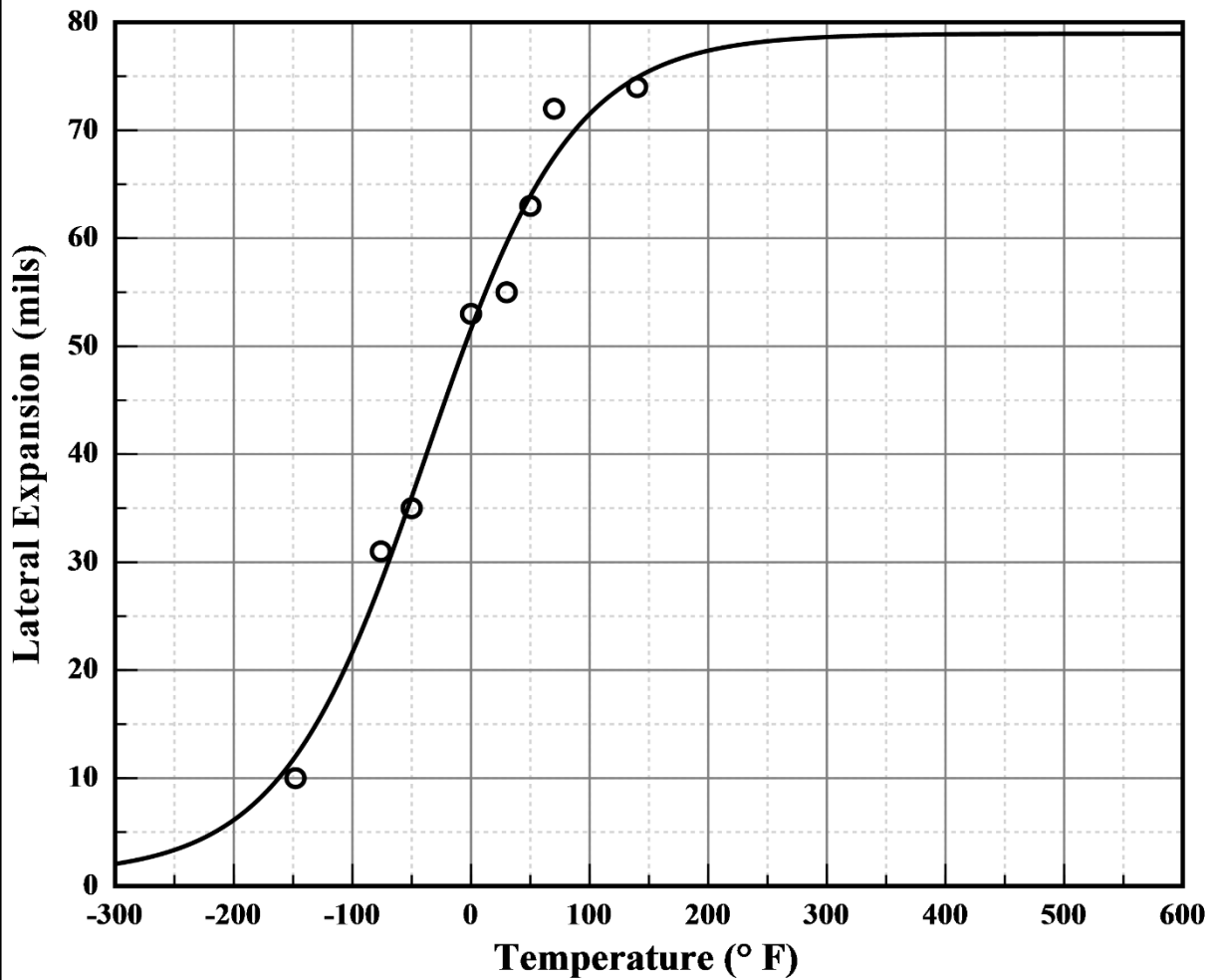
Upper Shelf L.E. = 78.95 Lower Shelf L.E. = 1.00 (Fixed)

Temp@35 mils=-53.20° F

Plant: Prairie Island 2
Orientation: NA

Material: SA508CL3
Capsule: V

Heat: 22642
Fluence: 5.98E+018 n/cm²



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: V

Heat: **22642**
Fluence: **5.98E+018 n/cm²**

Capsule V Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input L. E.	Computed L. E.	Differential
-148	10.0	12.0	-2.01
-76	31.0	28.1	2.87
-50	35.0	36.0	-1.04
0	53.0	51.6	1.41
30	55.0	59.6	-4.55
50	63.0	63.9	-0.92
70	72.0	67.5	4.51
140	74.0	74.9	-0.89

Capsule T Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/25/2022 10:25 AM

A = 39.37 B = 38.37 C = 100.26 T0 = -36.19 D = 0.00

Correlation Coefficient = 0.925

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

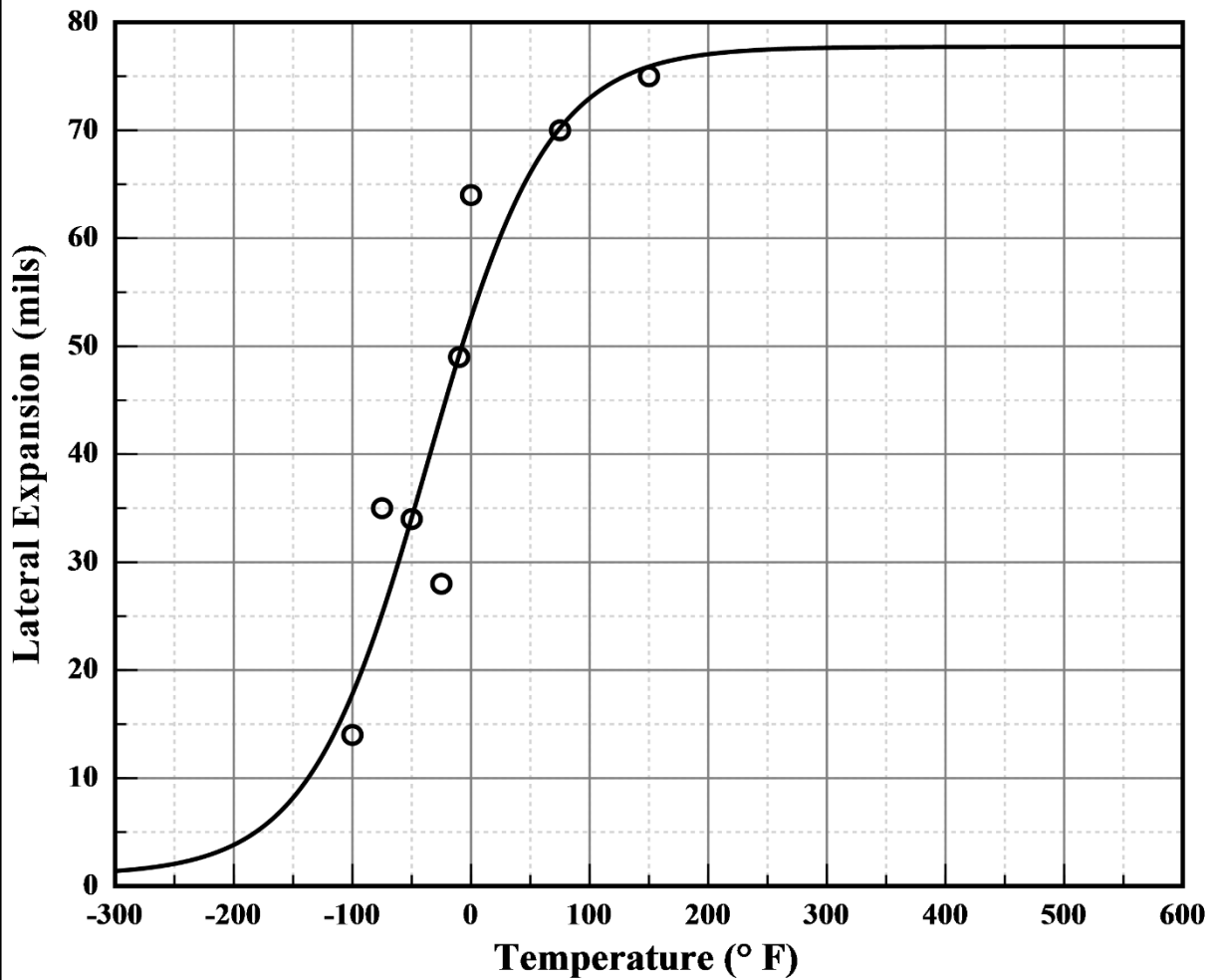
Upper Shelf L.E. = 77.73 Lower Shelf L.E. = 1.00 (Fixed)

Temp@35 mils=-47.60° F

Plant: Prairie Island 2
Orientation: NA

Material: SA508CL3
Capsule: T

Heat: 22642
Fluence: 1.10E+019 n/cm²



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: T

Heat: **22642**
Fluence: **1.10E+019 n/cm²**

Capsule T Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input L. E.	Computed L. E.	Differential
-100	14.0	17.8	-3.79
-75	35.0	25.2	9.78
-50	34.0	34.1	-0.12
-25	28.0	43.6	-15.63
-10	49.0	49.2	-0.17
0	64.0	52.6	11.36
75	70.0	70.2	-0.20
150	75.0	75.9	-0.91

Capsule R Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/31/2022 6:38 AM

A = 33.16 B = 32.16 C = 94.25 T0 = 20.92 D = 0.00

Correlation Coefficient = 0.967

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

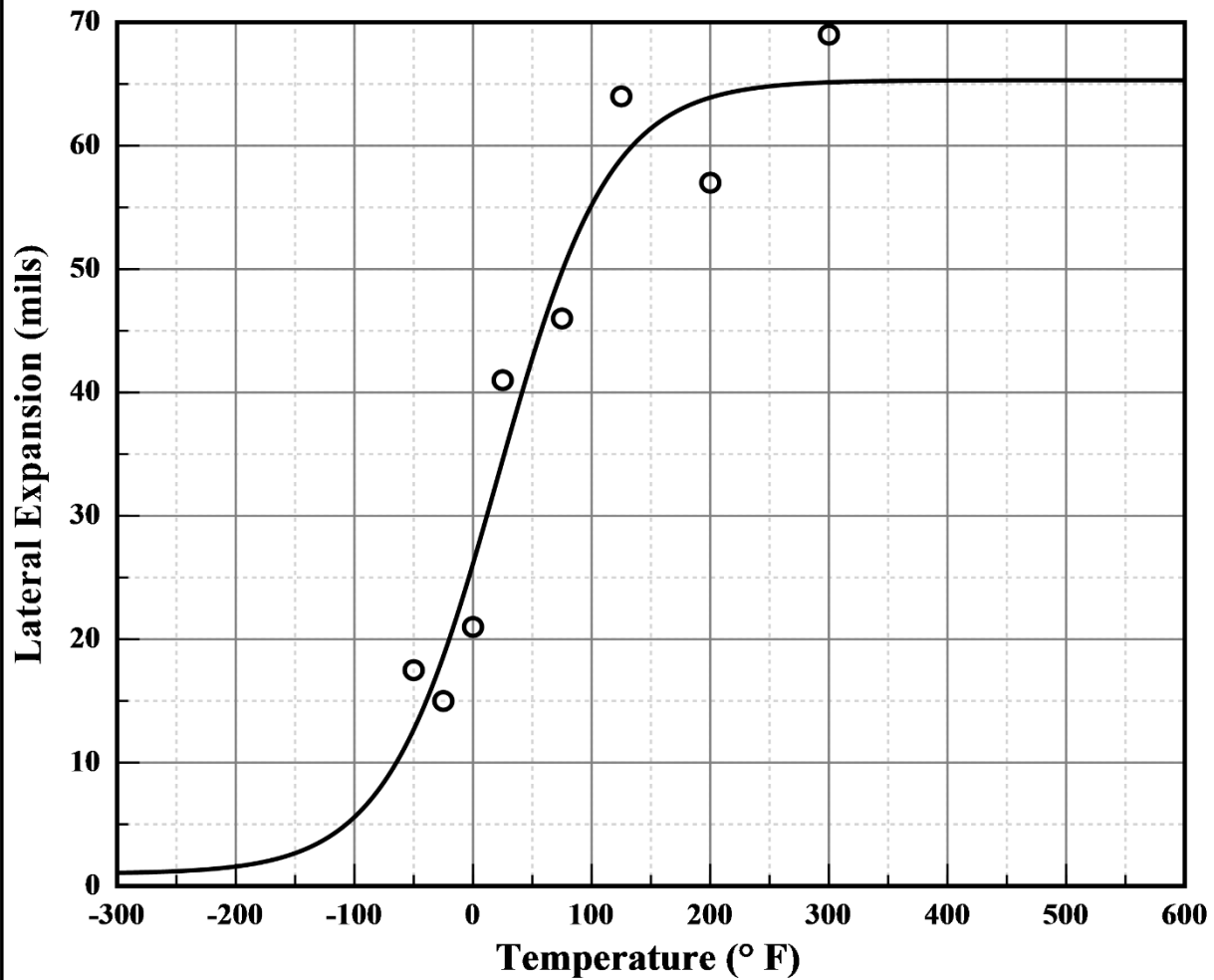
Upper Shelf L.E. = 65.31 Lower Shelf L.E. = 1.00 (Fixed)

Temp@35 mils = 26.40° F

Plant: **Prairie Island 2**
Orientation: **NA**

Material: **SA508CL3**
Capsule: **R**

Heat: **22642**
Fluence: **4.11E+019 n/cm²**



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: R

Heat: **22642**
Fluence: **4.11E+019 n/cm²**

Capsule R Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input L. E.	Computed L. E.	Differential
-50	17.5	12.7	4.82
-25	15.0	18.6	-3.62
0	21.0	26.1	-5.13
25	41.0	34.5	6.45
75	46.0	49.8	-3.82
125	64.0	58.9	5.06
200	57.0	63.9	-6.90
300	69.0	65.1	3.86

Capsule P Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/31/2022 10:53 AM

A = 36.21 B = 35.21 C = 166.79 T0 = 38.15 D = 0.00

Correlation Coefficient = 0.986

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

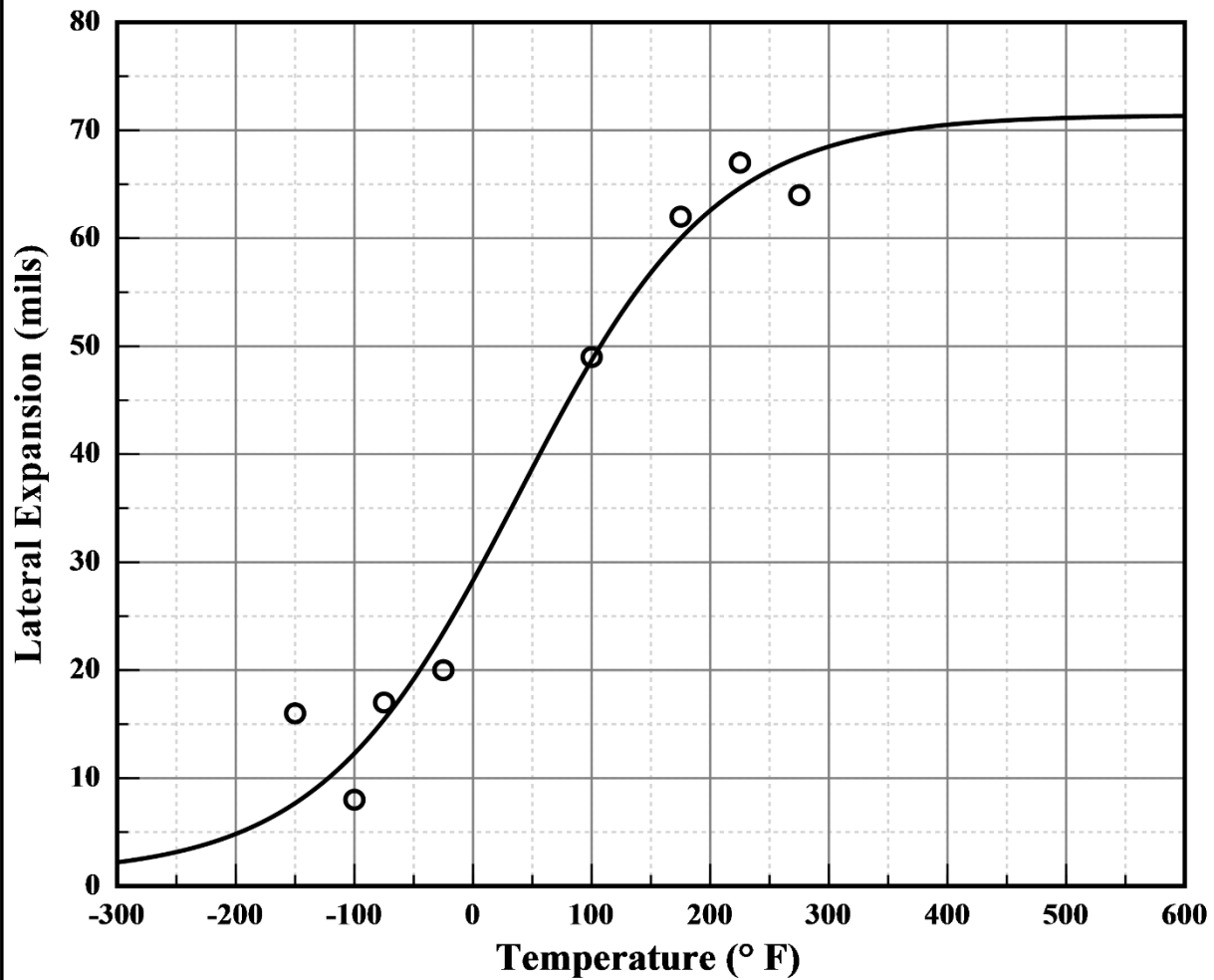
Upper Shelf L.E. = 71.42 Lower Shelf L.E. = 1.00 (Fixed)

Temp@35 mils = 32.50° F

Plant: Prairie Island 2
Orientation: NA

Material: SA508CL3
Capsule: P

Heat: 22642
Fluence: 4.27E+019 n/cm²



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: P

Heat: **22642**
Fluence: **4.27E+019 n/cm²**

Capsule P Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input L. E.	Computed L. E.	Differential
-150	16.0	7.7	8.32
-100	8.0	12.3	-4.28
-75	17.0	15.4	1.58
-25	20.0	23.5	-3.48
100	49.0	48.7	0.30
175	62.0	60.0	2.01
225	67.0	64.6	2.35
275	64.0	67.5	-3.53

Capsule N Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 11/8/2022 9:21 AM

A = 27.73 B = 26.73 C = 69.44 T0 = 39.29 D = 0.00

Correlation Coefficient = 0.930

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

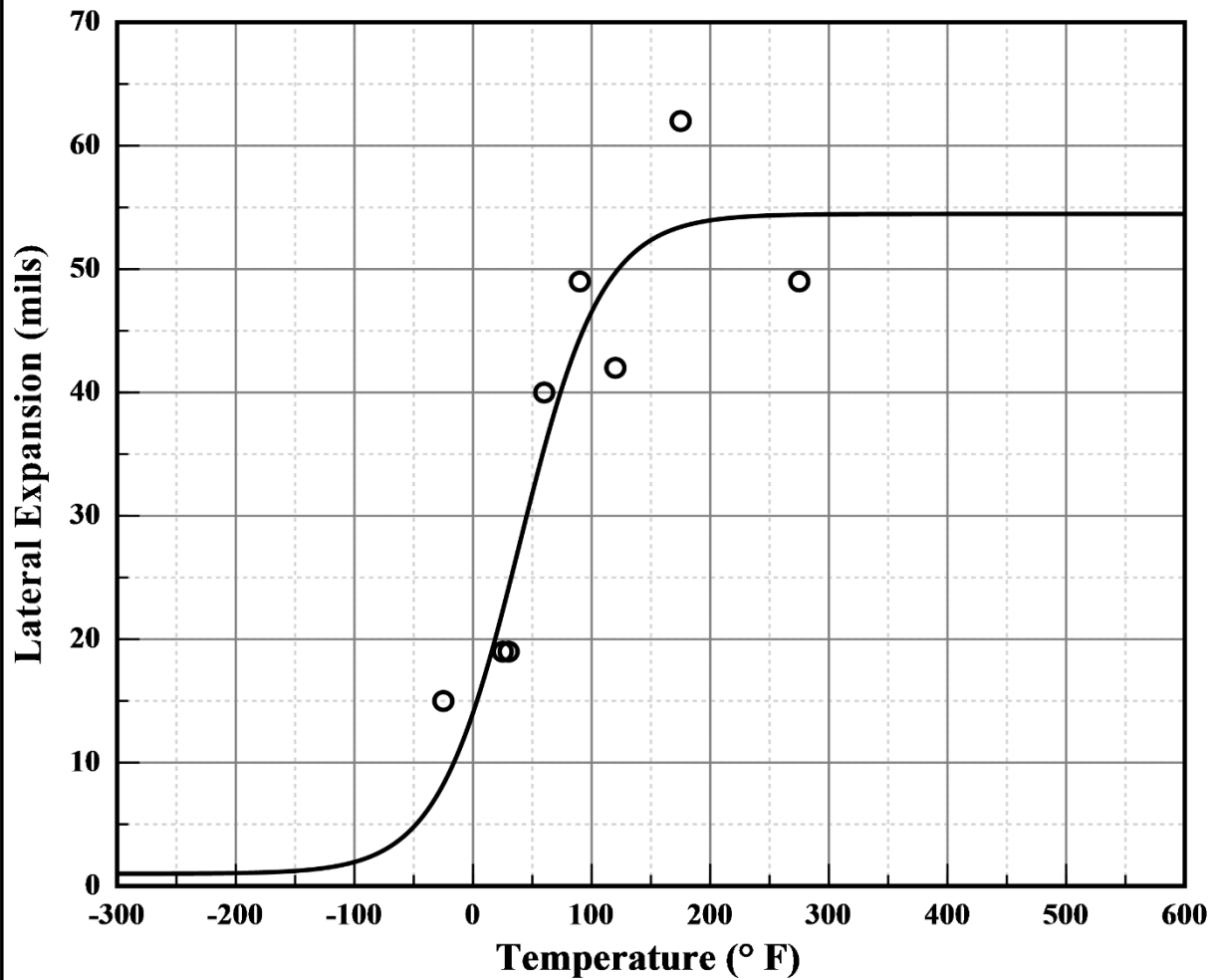
Upper Shelf L.E. = 54.47 Lower Shelf L.E. = 1.00 (Fixed)

Temp@35 mils = 58.70° F

Plant: Prairie Island 2
Orientation: NA

Material: SA508CL3
Capsule: N

Heat: 22642
Fluence: 8.41E+019 n/cm²



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: N

Heat: **22642**
Fluence: **8.41E+019 n/cm²**

Capsule N Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input L. E.	Computed L. E.	Differential
-25	15.0	8.3	6.75
25	19.0	22.3	-3.31
30	19.0	24.2	-5.18
60	40.0	35.5	4.52
90	49.0	44.4	4.61
120	42.0	49.7	-7.70
175	62.0	53.4	8.58
275	49.0	54.4	-5.41

Unirradiated Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/24/2022 4:45 PM

A = 50.00 B = 50.00 C = 102.10 T0 = -85.73 D = 0.00

Correlation Coefficient = 0.930

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf %Shear = 100.00 (Fixed)

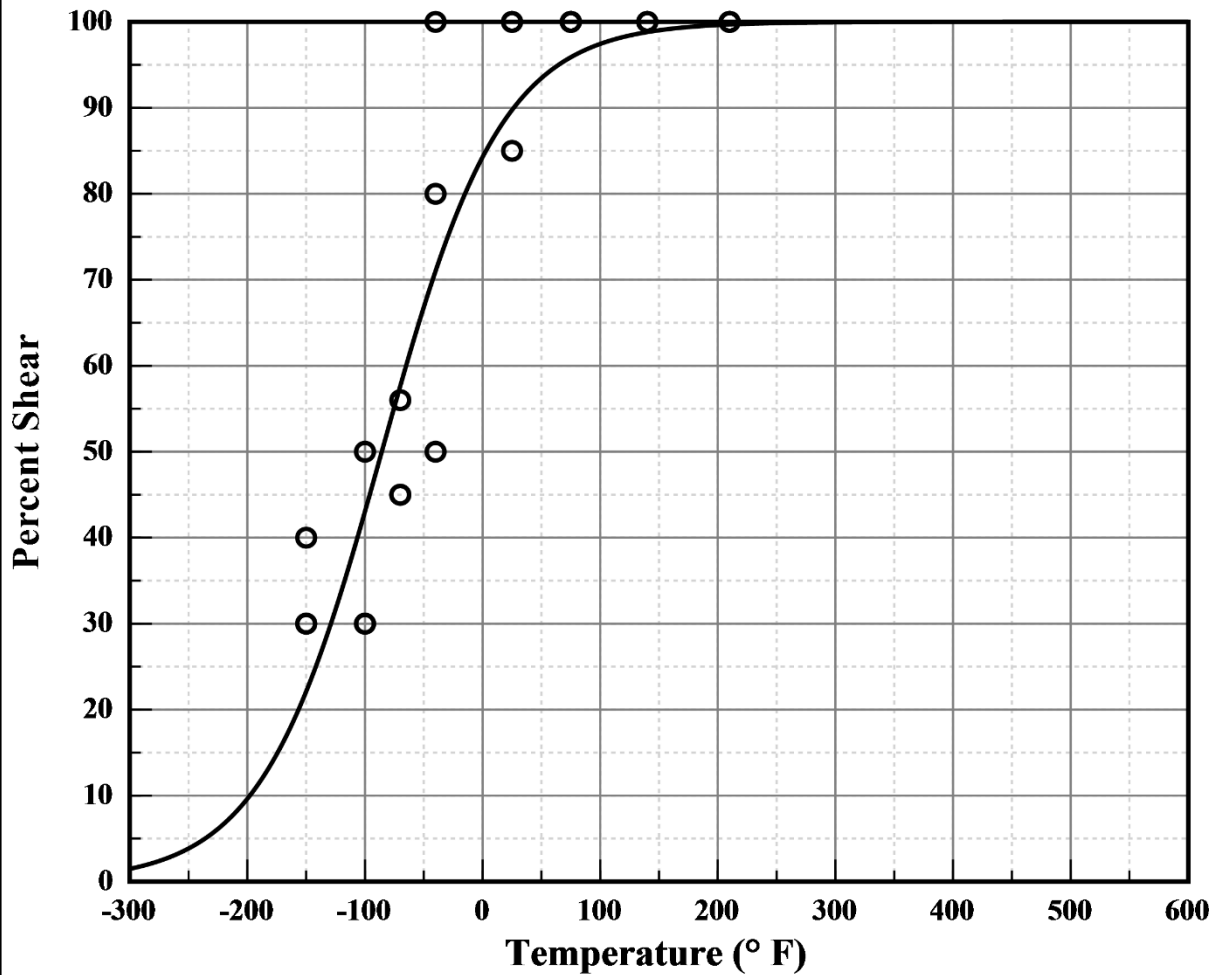
Lower Shelf %Shear = 0.00 (Fixed)

Temperature at 50% Shear = -85.70

Plant: **Prairie Island 2**
Orientation: **NA**

Material: **SA508CL3**
Capsule: **Unirrad**

Heat: **22642**
Fluence: **0.00E+000 n/cm²**



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: **Unirrad**

Heat: **22642**
Fluence: **0.00E+000 n/cm²**

Unirradiated Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input %Shear	Computed %Shear	Differential
-150	30.0	22.1	7.89
-150	30.0	22.1	7.89
-150	40.0	22.1	17.89
-100	50.0	43.1	6.94
-100	30.0	43.1	-13.06
-100	30.0	43.1	-13.06
-70	45.0	57.6	-12.64
-70	45.0	57.6	-12.64
-70	56.0	57.6	-1.64
-40	50.0	71.0	-21.01
-40	80.0	71.0	8.99
-40	100.0	71.0	28.99
25	85.0	89.7	-4.74
25	100.0	89.7	10.26
25	100.0	89.7	10.26
75	100.0	95.9	4.11
75	100.0	95.9	4.11
75	100.0	95.9	4.11
140	100.0	98.8	1.19
140	100.0	98.8	1.19
140	100.0	98.8	1.19
210	100.0	99.7	0.30
210	100.0	99.7	0.30
210	100.0	99.7	0.30

Capsule V Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/25/2022 8:07 AM

A = 50.00 B = 50.00 C = 77.27 T0 = 12.47 D = 0.00

Correlation Coefficient = 0.964

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf %Shear = 100.00 (Fixed)

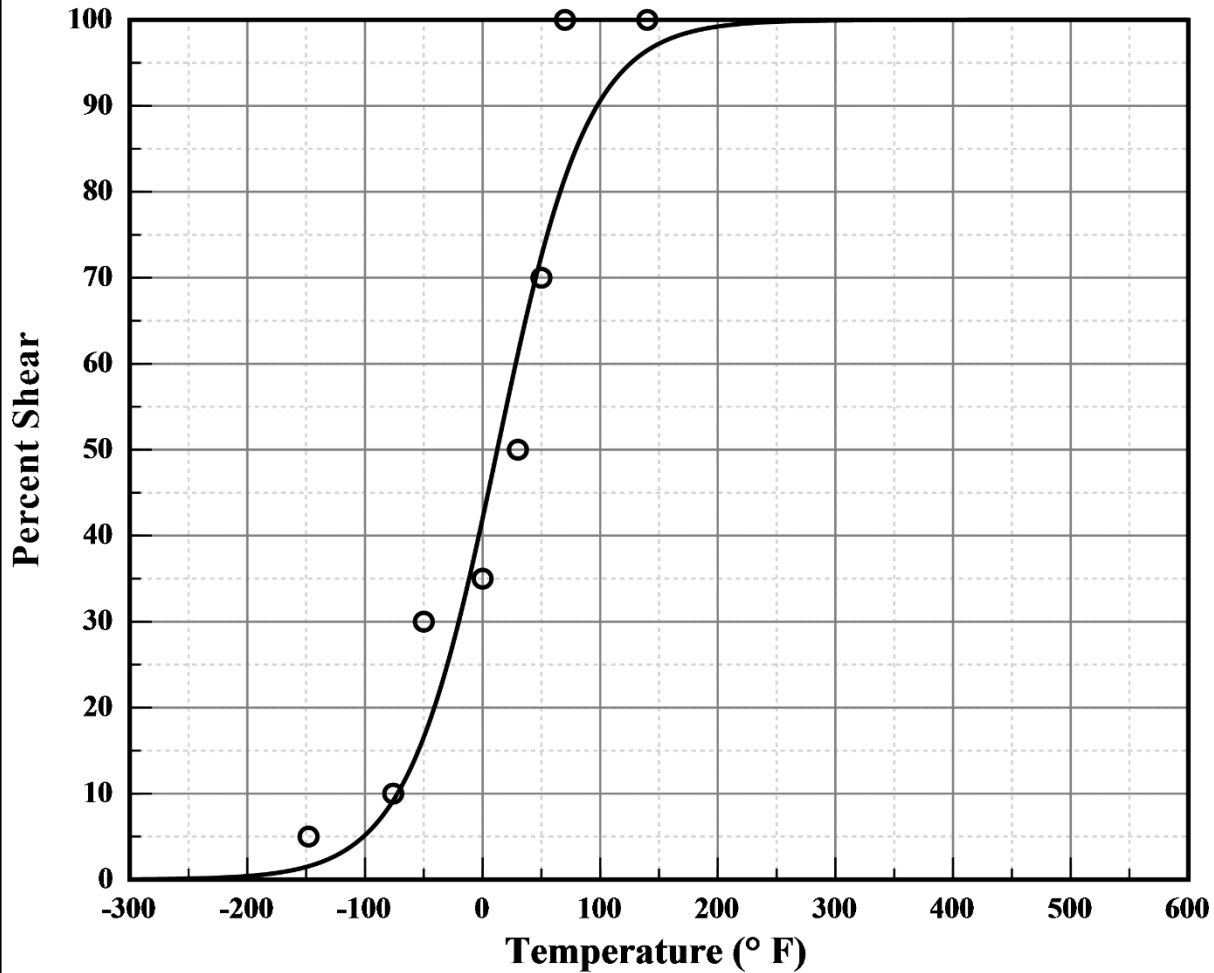
Lower Shelf %Shear = 0.00 (Fixed)

Temperature at 50% Shear = 12.50

Plant: Prairie Island 2
Orientation: NA

Material: SA508CL3
Capsule: V

Heat: 22642
Fluence: 5.98E+018 n/cm²



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: V

Heat: **22642**
Fluence: **5.98E+018 n/cm²**

Capsule V Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input %Shear	Computed %Shear	Differential
-148	5.0	1.5	3.45
-76	10.0	9.2	0.80
-50	30.0	16.6	13.43
0	35.0	42.0	-7.00
30	50.0	61.2	-11.15
50	70.0	72.5	-2.54
70	100.0	81.6	18.41
140	100.0	96.4	3.55

Capsule T Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/25/2022 10:22 AM

A = 50.00 B = 50.00 C = 71.33 T0 = -34.10 D = 0.00

Correlation Coefficient = 0.914

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf %Shear = 100.00 (Fixed)

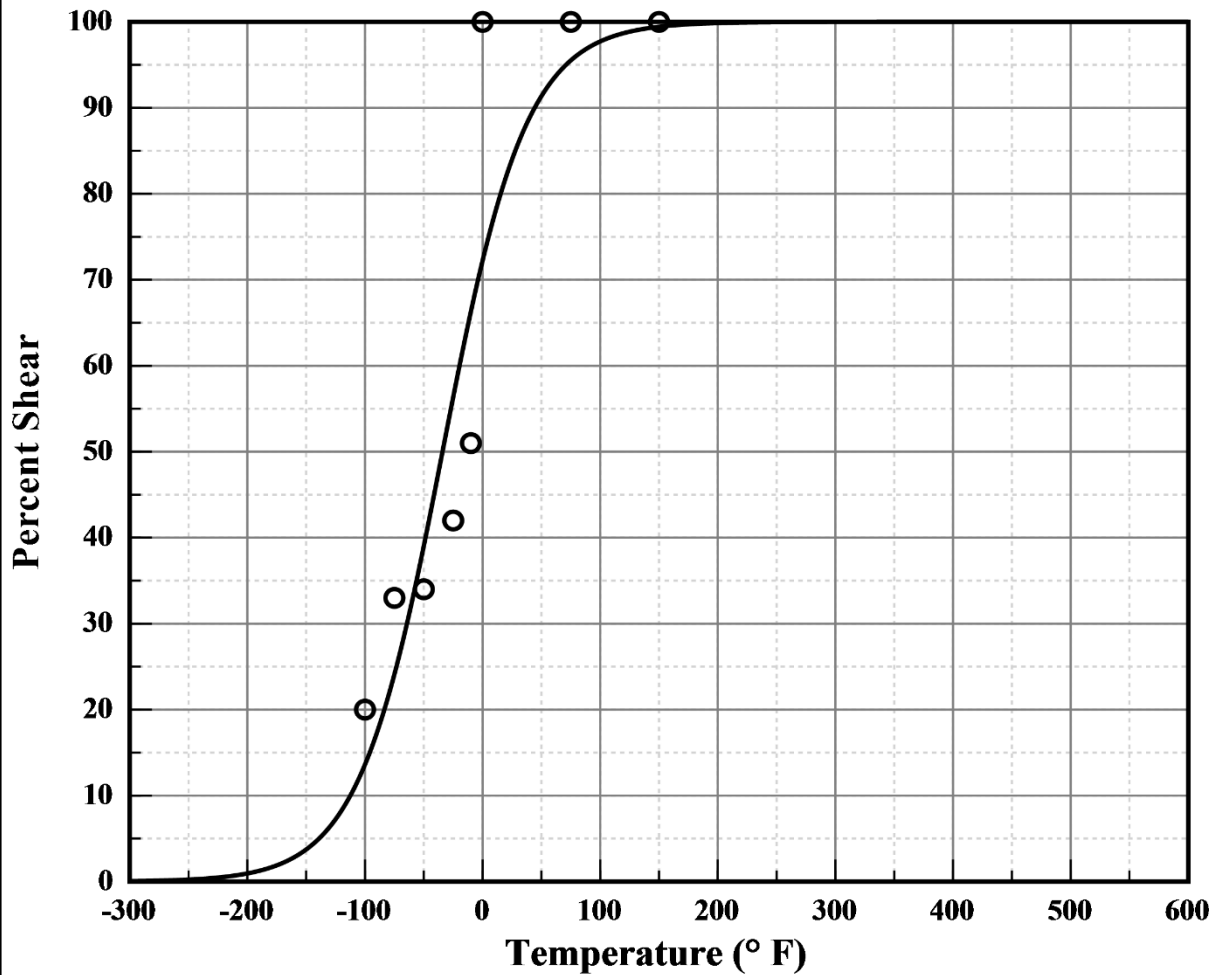
Lower Shelf %Shear = 0.00 (Fixed)

Temperature at 50% Shear = -34.00

Plant: Prairie Island 2
Orientation: NA

Material: SA508CL3
Capsule: T

Heat: 22642
Fluence: 1.10E+019 n/cm²



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: T

Heat: **22642**
Fluence: **1.10E+019 n/cm²**

Capsule T Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input %Shear	Computed %Shear	Differential
-100	20.0	13.6	6.39
-75	33.0	24.1	8.89
-50	34.0	39.0	-5.04
-25	42.0	56.3	-14.35
-10	51.0	66.3	-15.28
0	100.0	72.2	27.76
75	100.0	95.5	4.48
150	100.0	99.4	0.57

Capsule R Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/31/2022 6:37 AM

A = 50.00 B = 50.00 C = 46.73 T0 = 2.81 D = 0.00

Correlation Coefficient = 0.984

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf %Shear = 100.00 (Fixed)

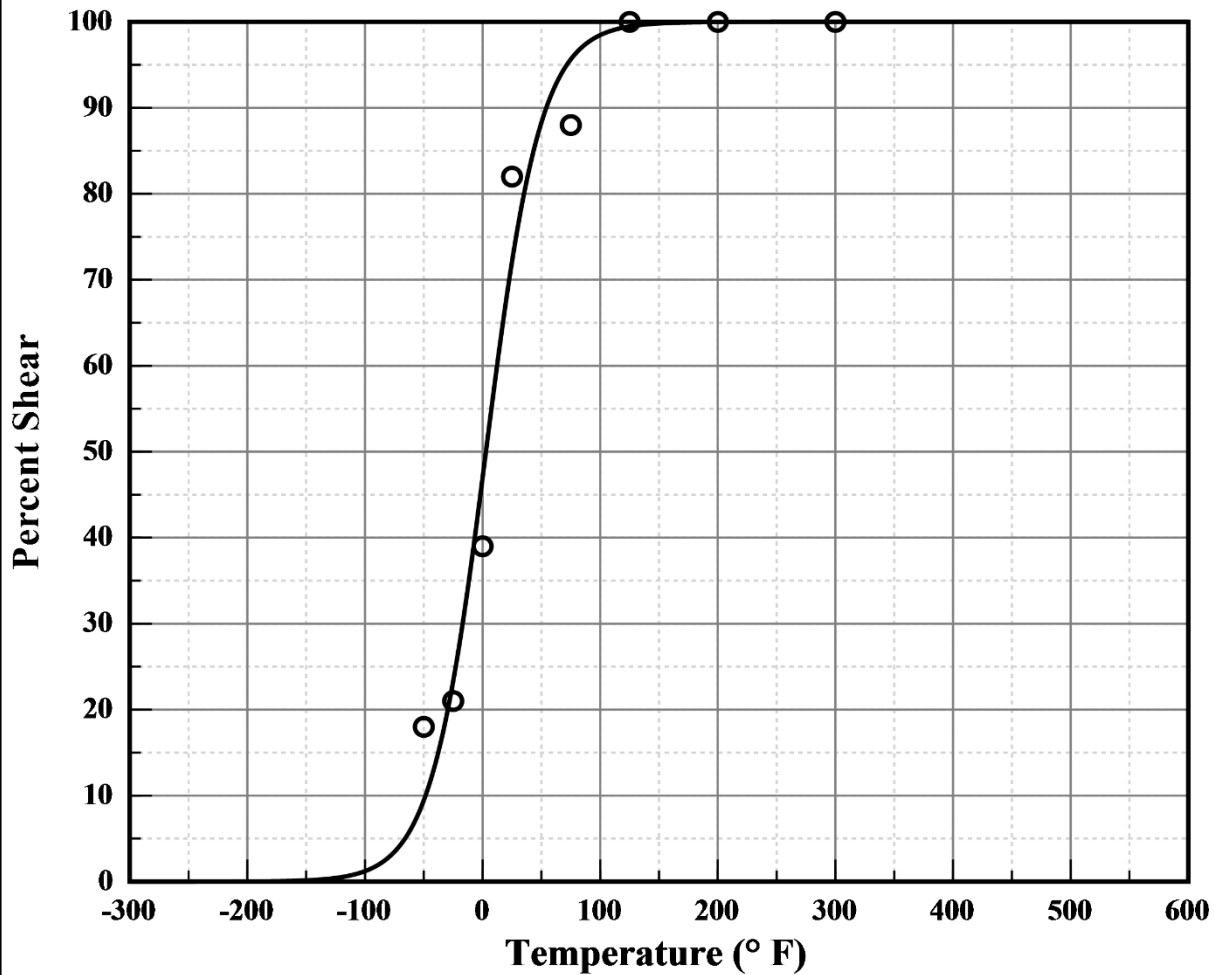
Lower Shelf %Shear = 0.00 (Fixed)

Temperature at 50% Shear = 2.90

Plant: **Prairie Island 2**
Orientation: **NA**

Material: **SA508CL3**
Capsule: **R**

Heat: **22642**
Fluence: **4.11E+019 n/cm²**



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: R

Heat: **22642**
Fluence: **4.11E+019 n/cm²**

Capsule R Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input %Shear	Computed %Shear	Differential
-50	18.0	9.4	8.56
-25	21.0	23.3	-2.32
0	39.0	47.0	-8.00
25	82.0	72.1	9.89
75	88.0	95.6	-7.65
125	100.0	99.5	0.53
200	100.0	100.0	0.02
300	100.0	100.0	0.00

Capsule P Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 5/31/2022 10:52 AM

A = 50.00 B = 50.00 C = 169.48 T0 = 130.83 D = 0.00

Correlation Coefficient = 0.969

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf %Shear = 100.00 (Fixed)

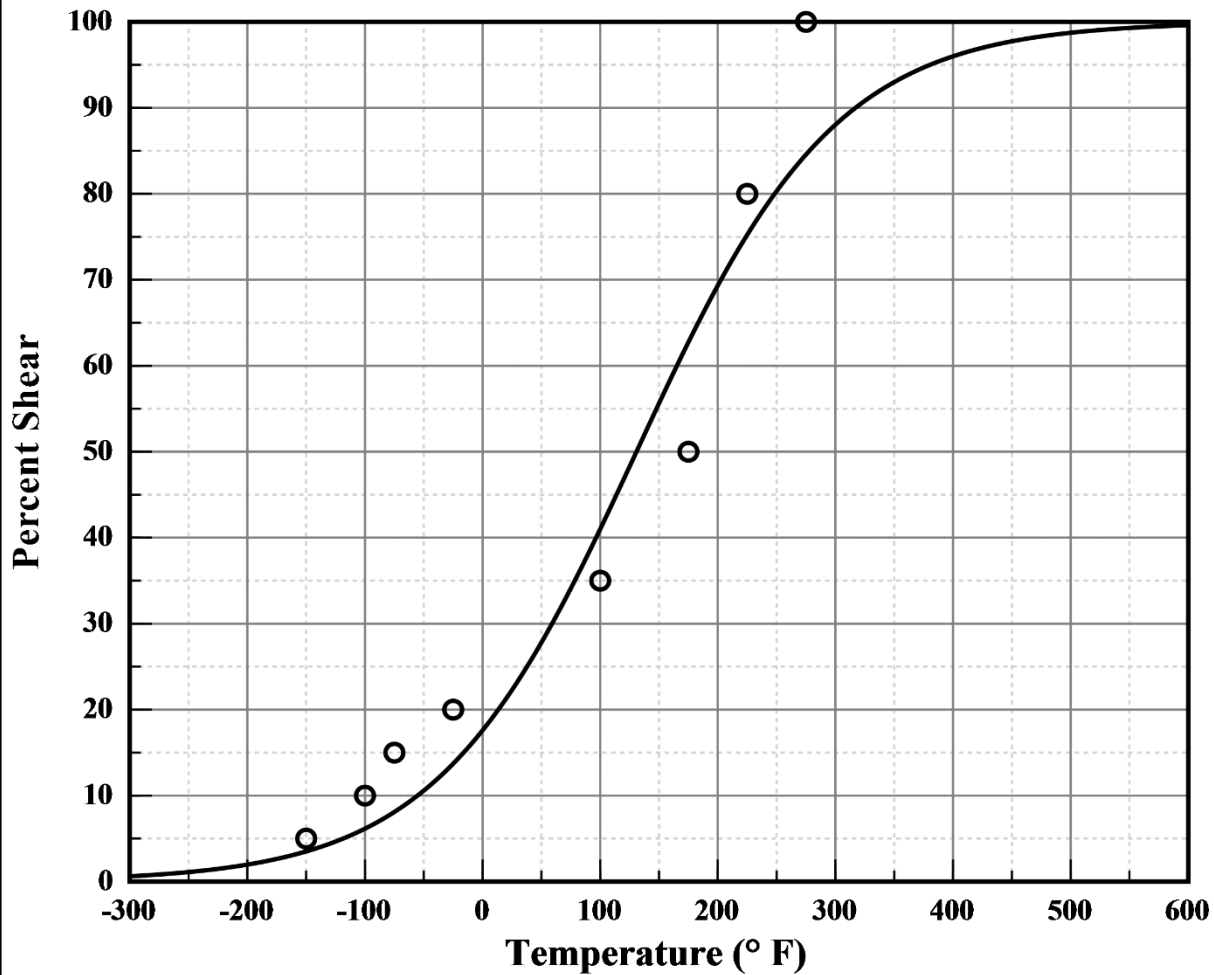
Lower Shelf %Shear = 0.00 (Fixed)

Temperature at 50% Shear = 130.90

Plant: Prairie Island 2
Orientation: NA

Material: SA508CL3
Capsule: P

Heat: 22642
Fluence: 4.27E+019 n/cm²



Plant: **Prairie Island 2**
Orientation: NA

Material: **SA508CL3**
Capsule: P

Heat: **22642**
Fluence: **4.27E+019 n/cm²**

Capsule P Heat Affected Zone Charpy V-Notch Data

Temperature (° F)	Input %Shear	Computed %Shear	Differential
-150	5.0	3.5	1.49
-100	10.0	6.2	3.84
-75	15.0	8.1	6.90
-25	20.0	13.7	6.28
100	35.0	41.0	-6.00
175	50.0	62.7	-12.74
225	80.0	75.2	4.76
275	100.0	84.6	15.43

Capsule N Heat Affected Zone

CVGraph 6.02: Hyperbolic Tangent Curve Printed on 11/8/2022 9:19 AM

A = 50.00 B = 50.00 C = 107.69 T0 = 64.02 D = 0.00

Correlation Coefficient = 0.944

Equation is $A + B * [\text{Tanh}((T-T_0)/(C+DT))]$

Upper Shelf %Shear = 100.00 (Fixed)

Lower Shelf %Shear = 0.00 (Fixed)

Temperature at 50% Shear = 64.10

Plant: **Prairie Island 2**
Orientation: **NA**

Material: **SA508CL3**
Capsule: **N**

Heat: **22642**
Fluence: **8.41E+019 n/cm²**

