

**LAND 15
 NUCOR STEEL - BERKELEY
 1455 Hagan Avenue
 Huger, SC 29450
 Phone: (843) 336-6000

CERTIFIED MILL TEST REPORT

100% EAF MELTED AND MANUFACTURED IN THE USA
 Structural sections produced by Nucor-Berkeley are cast
 and hot rolled to a fully killed and fine grain practice.
 Mercury not intentionally added at any point during manufacturing.

7/20/23 14:55:51

Sold To: SOUTH ATLANTIC LLC
 1907 2 S 17TH ST
 WILMINGTON, NC 28401

Ship To: SOUTH ATLANTIC LLC
 HIGHWAY 280 WEST
 EVANS INDUSTRIAL PARK
 CLAXTON, GA 30417

Customer #: 1485 - 2
 B.O.L. #: 1708907
 MOS: T

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-21 and A370-21. Tested in accordance with EN10204-2004-3.1.
 AASHTO : M270-36-19M270-50-19
 ASTM : SA-36 13
 ASME : A992-22/A36-19/A529-19-50/A5725021T1/A7093621/A7095021
 ASTM : Multi-Grade/A36-19/A529-19-50/A5725021T1/A7093621/A7095021
 CSA : G40.21-44W/G40.21-50W/G40.21300W/G40.21350W/G40.2150WM

** More specs than space

A36 A50 A529 A7G3 A7G5 M36 M50 SA36 44W 50W

Description	Heat#	Yield/Tensile Ratio	Yield (MPa)	Tensile (MPa)	Elong %	C	Cr	Mn	Mo	Ti	P	S	B	Si	N	Cu	Ni	CE1	CE2	Pcm
65x8.2	2305521	.83	58700	70300	25.00	.07	.04	.84	.01	.001	.006	.015	.0002	.20	.02	.08	.03	.22	.2641	.1250
020' 00.00"	Multi-Grade		405	485	27.00	.04	.01	.84	.01	.001	.0038	.015	.0002	.02	.027	.08	.03	.22	.2641	.1250
C152x12.2		.84	59300	70700	27.00	.04	.01	.84	.01	.001	.0038	.015	.0002	.02	.027	.08	.03	.22	.2641	.1250
006.0960m			409	487	30 Pc (s)	4.920 lbs	54773	Customer PO: 54773												

65x8.2	2305515	.85	59800	70500	26.00	.07	.04	.84	.01	.001	.007	.016	.0003	.22	.09	.04	.23	.2686	.1265
020' 00.00"	Multi-Grade		412	486	26.00	.04	.01	.84	.01	.001	.0044	.016	.0003	.022	.027	.04	.23	.2686	.1265
C152x12.2		.84	58900	70100	26.00	.04	.01	.84	.01	.001	.0044	.016	.0003	.022	.027	.04	.23	.2686	.1265
006.0960m			406	483	90 Pc (s)	14,760 lbs	54773	Customer PO: 54773											

CRX11.5	2304809	.84	59500	70300	27.00	.07	.05	.83	.01	.001	.008	.019	.0002	.20	.12	.04	.23	.2660	.1248
020' 00.00"	A992-22		410	488	27.00	.05	.01	.83	.01	.001	.0082	.019	.0002	.022	.027	.04	.23	.2660	.1248
C200X17.1		.84	59400	70400	27.00	.05	.01	.83	.01	.001	.0082	.019	.0002	.022	.027	.04	.23	.2660	.1248
006.0960m			410	485	96 Pc (s)	22,080 lbs	57058	Customer PO: 57058											

Elongation based on 8" (20.32cm) gauge length. No Weld Repair was performed. All mechanical testing is performed by the Quality Dept. Testing lab, which is independent of the production departments.
 CE1 = C+(Mn/6)+((Cr+Mo+V)/5)+(Ni+Cu)/15
 CE2 = C+(Mn+Si)/6)+((Cr+Mo+V+Cb)/5)+(Ni+Cu)/15

Nucor certifies that the contents of this report are accurate and correct. All test results and operations performed by the material manufacturer are in compliance with material specifications, and when designated by the Purchaser, meet applicable specifications.

Dmitri Nasyrov
 Metallurgist/
 Quality Control