

10/28/23 1:15:59

CERTIFIED MILL TEST REPORT

NUCOR STEEL BERKELEY
1455 Hagan Avenue
Fager, SC 29450
Phone: (843) 336-6000

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.

Ship To: LONGVIEW WAREHOUSE Customer #: 472 - 14
4750 WEST MARSHALL AVE B.O.I. #: 1727423
LONGVIEW, TX 75604 MOS: I

SPECIFICATIONS: Tested in accordance with ASIM specification A6/A6M-21 and A370-21. Tested in accordance with EN10204-2004-3.1.
Quality Manual Rev H16 (4-30-21).

AAASHIO : M270_50-19
ASIM : A992-22:A529-19: 50/A5725021T1/A7095021
CSA : G40.2150WM

Description Part #	Heat#	Yield/ Tensile (PSI) (MPa)	Elong %	C Cr *****	Mn Mo Ni	P Sn *****	S B *****	Si V N	Cu Nb *****	Ni CI	CE1 CE2 PCM
W6X9 030' 00.00'	2312701 A992-22	.81 52900 65600 365 452	27.00	.07 .03	.82 .01 .001	.008 .0042	.014 .0003	.17 .002 .0054	.07 .015	.03 2.17	.22 .2566 .1282
W150X13.5 009.1440m		.81 53300 65600 368 452	26.00 12 Pc(s)		3,240 lbs					Customer PO: 4500562066 BOLH: 1727423	
37690030											

W8X13 020' 00.00'	2311604 A992-22	.81 58600 72600 404 501	28.00	.07 .05	.89 .01 .001	.010 .0060	.016 .0002	.21 .002 .0075	.17 .027	.05 4.09	.24 .2819 .1318
W200X19.3 006.0960m		.80 58100 72700 401 501	29.00 28 Pc(s)		7,280 lbs					Customer PO: 4500562174 BOLH: 1727423	
378130020											

W8X15 035' 00.00'	1314049 A992-22	.83 56500 68000 390 469	28.00	.07 .05	.82 .01 .001	.008 .0071	.026 .0004	.24 .002 .0066	.21 .029	.06 4.69	.23 .2774 .1317
W200X22.5 010.6680m		.83 56300 67900 388 468	29.00 24 Pc(s)		12,600 lbs					Customer PO: 4500561996 BOLH: 1727423	
378150035											

=====
Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed. 'All mechanical testing is performed by the Quality
CI = 26.01Cu+3.88Ni+1.29Cr+1.49Si+17.28P+(7.29CuXNi)-(9.10NiXP)-33.39(CuXCu) testing lab, which is independent of the production
PCM = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B 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)
=====
Dmitri Nassyrov
Metallurgist/
Quality Control

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.



6 Heat(s) for this MIR.