

6/29/23 18:36:41
 100% EAF MELTED AND MANUFACTURED IN THE USA

CERTIFIED MILL TEST REPORT

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

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.

Customer H.: 472 - 4
 B.O.I. H.: 1705195 MOS: I

CAIDOSA, OK 74015

MANHATTAN, KS 66503

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

RASHIO : M270-50-19
 ASIM : A992-22:A529-19-50/A5725021I1/A7095021
 CSA : G40.2150WM

Description Part #	Heat# Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong %	Chemical Composition									
						C	Cr	Mn	P	S	Si	CU	NI	CE1	
W10x30	2308870	.82	55500	68000	19.00	.07	1.02	.08	.015	.22	.11	.03	.25		
020' 00.00'	A992-22	.82	383	469	27.00	.04	.01	.0052	.0003	.002	.032	3.05	.2984		
W250X44.8			390	477									.1339		

Customer PO: 4500552606 BolH: 1705195

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 Elongation based on 8" (20.32cm) gauge length. 'No Weld Repair' was performed. 'All mechanical testing is performed by the Quality 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)
 PCM = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B
 CI = 26.01Cu+3.88Ni+1.20Cr+1.49Si+17.28P-(7.29Cu*Ni)-(9.10Ni*P)-33.39(Cu*Cu)
 PCM = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE1 = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
 CE2 = C+(Mn/6)+((Cr+Mo+V)/5)+((Ni+Cu)/15)
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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 Nassyrov
 Metallurgist/
 Quality Control

