

2/24/23 19:55:47

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.

Sold To: SUPERIOR SUPPLY AND STEEL  
 PO BOX 2388  
 SULPHUR, LA 70664

Ship To: SUPERIOR SUPPLY & STEEL  
 318 CITY SERVICE HIGHWAY  
 SULPHUR, LA 70663

Customer #: 808 - 1  
 B.O.I. #: 1681930  
 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).

RASTD : M270-50-19  
 ASTM : A992-22/A529-19-50/A57250211/A7095021

Description Part #	Heat Grade(s) Test/Heat Jw	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C Cr xxxxxx	Mn Mo Ti	P Sn xxxxxx	S B xxxxxx	Si V N	Cu Nb xxxxxx	Ni CI xxxxxx	CE1 CE2 Pcm
W8X28	1302494	.79	56800	71900	26.00	.07	1.05	.006	.017	.24	.10	.05	.26
020, 00.00	A992-22	.78	392	496	25.00	.03	.01	.0046	.0004	.002	.029	2.94	.3103
W200X41.7			56500	72100	25.00		.001						.1411
006.0960m			390	497	5 PC(S)		3,360 lbs						
W8X31	2301853	.80	58100	72800	30.00	.07	1.05	.007	.019	.26	.21	.06	.28
020, 00.00	A992-22	.80	401	502	27.00	.06	.01	.0076	.0003	.002	.033	4.64	.3287
W200X46.1			58200	73000	27.00		.001			.0060			.1480
006.0960m			401	503	12 PC(S)		7,440 lbs						

8 Heat(s) for this MTR.

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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.  
 CI = 26.01Cu+3.8Ni+1.20Cr+1.49Si+17.28P-(7.29CuXNi)-(9.10NiXP)-33.39(CuXCu)  
 Pcm = C+(Si/30)+(Mn/20)+(Cu/20)+(Ni/60)+(Cr/20)+(Mo/15)+(V/10)+5B  
 CE1 = C+(Mn/5)+((Cr+Mo+V)/5)+((Ni+Cu)/15)  
 CE2 = C+((Mn+Si)/6)+((Cr+Mo+V+Cb)/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

