

6/09/23 20:54:03

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.

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

Customer H.: 472 - 14
 B.O.I. H...: 1701298 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 #16 (4-30-21).

RAAHIO : 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)	Yield Tensile (PSI)	Elong (%)	C		Mn		P		S		Si		Cu		Ni CI	CF1 CF2 PCM
						Cr xxxxxx	Mo Ti	Sn xxxxxx	B xxxxxx	V N	Nb xxxxxx	Al CI	Fe1 Fe2 PCM						
W6X9	2215937	.85	59400	70200	29.00	.07	.84	.005	.018	.21	.22	.11	.25						
020' 00.00"	A992-22	.81	410	484	28.00	.06	.03	.0096	.0003	.002	.018	4.80	.2866						
W150X13.5			56500	70100	28.00		.001			.0058			.1357						
006.0960m			390	483	42 Pc(s)		7,560 lbs												
37690020																			

Customer PO: 4500553106 BOLH: 1701298

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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+3.88Ni+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)+58
 CE1 = C+(Mn/6)+((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 Nassurov
 Metallurgist/
 Quality Control

