

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

CERTIFIED MILL TEST REPORT

1/10/23 0:41:22  
 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:

Ship To:

Customer H.: 472 - 14  
 B.O.L. H...: 1672465  
 MOS: I

SPECIFICATIONS: Tested in accordance with ASTM specification A6/A6M-21 and A370-21. Tested in accordance with EN10204-2004-3.1.

Quality Manual Rev #16 (4-30-21).  
 AASHTO : M270-345M270-50-19  
 ASTM : A992-22/A529-19-50/A5725021T1/A7095021

Description Part #	Beath Grade(s) Test/Beath	Yield/ Tensile Ratio	Yield (PSI) (MPa)	Tensile (PSI) (MPa)	Elong %	C Cr	Mn Mo Ti	P Sn	S B	Si V N	Cu Nb	Ni CI	CE1 CE2 PCM
W12X40	2216783	.80	57700	72100	24.00	.07	1.04	.006	.025	.27	.26	.06	.27
020' 00.00'	A992-22		398	497		.05	.02	.0092	.0003	.002	.032		.3242
W310X60		.78	56500	72500	23.00		.001			.0058		5.20	.1455
006.0960m			390	500									
3712400020													

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+1.20Cr+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)+58 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 Nassyrov  
 Metallurgist/  
 Quality Control

