

3/23/23 20:07:19

CERTIFIED MILL TEST REPORT

NUCOR STEEL - BERKELEY  
 1455 Hagan Avenue  
 Huger, 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.

Customer H.: 472 - 14  
 B.O.L. H.: 1687509 MDS: I

Ship To: LONGVIEW WAREHOUSE  
 4750 WEST MARSHALL AVE  
 LONGVIEW, TX 75604

MANHATTAN, KS 66505

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).

AASHIO : M270-50-19  
 ASTM : A992-22:A529-19-50/A5725021T1/A7095021  
 CSA : G40.2150WM

Description Part #	Heat# Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield Tensile (PSI) (MPa)	Elong %	C Cr *****	Mn Mo Ti	P Sn *****	S B *****	Si V N	Cu Nb *****	Ni ***** CI	CE1 CE2 PCM
C12X25	2216575	.80	59800 74700	22.00	.07	1.03	.008	.016	.24	.18	.13	.30
	A992-22		412 515		.13	.06	.0067	.0003	.003	.029		.3450
C310X37		.79	59300 74700	22.00		.001		.0055	.0055		4.55	.1510
			409 515	10 PC(S)		5,000 lbs						

Customer PO: 4500547746 BOLH: 1687509

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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  
 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)+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)  
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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

