

7/03/23 13:28:01
 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 #: 472 - 14
 B.O.I. #: 1705616 MDS: I

YU BUA 1000
 MANHATTAN, KS 66505
 LONGVIEW, TX 75604

Tested in accordance with EN10204-2004-3.1.

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/A575021I1/A7095021
 CSA : G40.2150WM

Description Part #	Heat Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI)	Yield (MPa)	Tensile (PSI)	Tensile (MPa)	Elong %	C		Mn		P		S		Si		Cu		Ni		CE1		
								Cr *****	Cr *****	Mo *****	Mo *****	Sh *****	Sh *****	B *****	B *****	V *****	V *****	Nb *****	Nb *****	CI *****	CI *****	CE1	CE2	PCM
C12X25	2304185	.81	56700	70200	70200	70200	25.00	.07	.07	1.01	.008	.016	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008	.008
020' 00.00'	A992-22	.80	391	484	484	484	25.00	.04	.04	.01	.0040	.0004	.0040	.0040	.0040	.0040	.0040	.0040	.0040	.0040	.0040	.0040	.0040	.0040
C310X37	006.0960m		390	486	486	486	8 pc(s)			4,000 lbs														
2512250020																								

Customer PO: 4500554963 BOL#: 1705616

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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 = $C + (Mn+Si)/6 + ((Cr+Mo+V+Cb)/5) + ((Ni+Cu)/15)$
 CE2 = $C + (Mn+Si)/6 + ((Cr+Mo+V+Cb)/5) + ((Ni+Cu)/15)$
 PCM = $C + (Si/30) + (Mn/20) + (Cu/20) + (Ni/60) + (Cr/20) + (Mo/15) + (V/10) + 5B$
 CE1 = $C + (Mn/6) + ((Cr+Mo+V)/5) + ((Ni+Cu)/15)$
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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

