

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

10/09/23 23:46:36
 100% EAF MELTED AND MANUFACTURED IN THE USA

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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. #...: 1724073 MOS: I

SHIP TO: LONGVIEW WAREHOUSE
 4750 WEST MARSHALL AVE
 LONGVIEW, TX 75604

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).

RASTHO : 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 Tensile (PSI) (MPa)	Elong (%)	C Cr *****	Mn Mo Ii	P Sn *****	S B *****	Si V N	Cu Nb *****	Ni ***** CI	CE1 CE2 PCM
W8X40	1312212	.78	55700	71800	28.00	.07	1.02	.027	.25	.24	.06	.28
020' 00.00'	A992-22	.79	384	495	.10	.01	.0072	.0004	.002	.029	5.03	.3287
W200X59			57100	72000	26.00	.001			.0058			.1478
006.0960m			394	496	16 Pc(s)							
378400020												

Customer PO: 4500560537 BOL# 1724073

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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 departments.'
 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)
 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

