

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

10/27/23 23:08:44
 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.

Solo PO BOX 1688
 MANHATTAN, KS 66505

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

Customer H.: 472 14
 B.O.L. H...: 1727399 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 H16 (4-30-21).

ARSHIO : 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)	Tensile (MPa)	Elong %	C *****	Mn Mo Ti	P Sn *****	S B *****	Si V N	Cu Nb *****	Ni ***** CI	CE1 CE2 PCM
W12x16 060' 00.00'	1313048 A992-22	.86	66900	77900	25.00	.07 .07	.86 .01 .001	.018 .0337	.020 .0002	.18 .001 .0081	.44 .032	.13	.27 .3088 .1529
W310X23.8 018.2880m		.86	66700	77300	25.00		.001					5.71	
3712160060			460	533	12 pc(s)	11,520 lbs	Customer PO: 4500560593					Customer PO: 1727399	

4 Heat(s) for this MIR.

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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+3.86Ni+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)+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

