

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

1/13/24 12:27:40
 100% IAF-MELTED AND MANUFACTURED IN THE USA

CERTIFIED MILL TEST REPORT

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.

Ship To: LONGVIEW WAREHOUSE
 4750 WEST MARSHALL AVE
 LONGVIEW, TX 75604
 Customer #: 472 - 14

MANHATTAN, KS 66505
 B.O.L. #: 1741077
 MOS: I

SPECIFICATIONS: Tested in accordance with ASIM specification A6/A6M-22 and A370-22. Tested in accordance with EN10204-2004-3.1. Quality Manual Rev H19 (11-30-22).

AAASHIO : M270-50-23
 ASIM : A992-22:A529-19-50/A5725021I1/A7095021
 CSA : G40.2150WM

Description	Heat	Yield/ Tensile Ratio	Tensile (PSI)	Yield Tensile (PSI)	Elong %	C	Mn	Mo	Si	S	P	Sn	Al	Cu	Nb	Ni	CE1
W6X12	2310117	.83	56300	67600	27.00	.07	.86	.01	.23	.021	.012	.0050		.10	.030	.04	.24
030' 00.00'	A992-22		388	466		.05	.01	.001	.002	.0003							.2803
W150X18.0		.82	55700	67600	25.00				.0040							3.00	.1327
009.1440m			384	466													
376120030					30 pc(s)		10,800 lbs		Customer PO: 4500564862					BoLH: 1741077			
W6X12	2310122	.83	54800	65700	28.00	.06	.82	.01	.18	.017	.010	.0036		.10	.026	.03	.22
030' 00.00'	A992-22		378	453		.04	.01	.001	.002	.0003							.2548
W150X18.0		.83	54500	65300	30.00				.0044							2.83	.1212
009.1440m			376	450													
376120030					6 pc(s)		2,160 lbs		Customer PO: 4500564862					BoLH: 1741077			
W6X9	1312724	.82	54900	66800	26.00	.07	.82	.00	.22	.022	.009	.0038		.07	.016	.03	.22
025' 00.00'	A992-22		379	461		.03	.00	.001	.002	.0003							.2567
W150X13.5		.82	54500	66700	26.00				.0051							2.27	.1220
007.6200m			376	460													
37690025					10 pc(s)		2,250 lbs		Customer PO: 4500564157					BoLH: 1741077			

=====
 Elongation based on 8" (20.32cm) gauge length. No Weld Repair was performed. All mechanical testing is performed by the Quality Control Department. 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.
 CE1 = C + ((Mn+Si)/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)
 CI = 26.0(Cu+3.88Ni+1.20Cr+1.49Si+17.26P-(7.29Cu*Ni)-(9.10Ni*P))-33.39(CuCu) testing lab, which is independent of the production departments.
 Customer PO: 4500564157 BoLH: 1741077
 Emma Summers
 Metallurgist/
 Quality Control

=====
 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.
 Emma Summers
 Metallurgist/
 Quality Control