

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

CERTIFIED MILL TEST REPORT

1/23/24 23:15:26
 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.

Ship To: LONGVIEW WAREHOUSE Customer #: 472 - 14
 4750 WEST MARSHALL AVE B.O.L. #: 1743048
 LONGVIEW, TX 75604 MOS: T

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

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

Description Part #	Heat Grade(s)	Test/Heat JW	yield/ Tensile Ratio	yield/ (PSI) (MPa)	Tensile (PSI) (MPa)	Elong (%)	C *****	Mn Mo Ii	P Sb *****	S B *****	Si V N	Cu Nb *****	Ni ***** CI	CE1 CE2 PCM
C12X20.7 040' 00.00' C310X30.8 012.1920m 2512207040	2317610 A992-22		.81 .80	59700 412 509	73800 412 509	25.00 3.00 10 PC(S)	.07 .04	1.00 .01 .001	.013 .0040	.018 .0002	.25 .002 .0064	.10 .027	.04 2.96	.25 .2999 .1335
C12X20.7 040' 00.00' C310X30.8 012.1920m 2512207040	1317607 A992-22		.82 .84	60300 416 507	73500 416 507	24.00 25.00 6 PC(S)	.07 .04	1.02 .01 .001	.013 .0049	.019 .0003	.24 .002 .0067	.10 .032	.04 3.04	.26 .3075 .1405
W12x26 020' 00.00' W310X38.7 006.0960m 3712260020	2316467 A992-22		.80 .79	55700 384 479	69400 384 479	25.00 25.00 6 PC(S)	.07 .05	1.05 .01 .001	.013 .0051	.021 .0003	.23 .002 .0066	.13 .030	.04 3.63	.27 .3112 .1397

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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-(7.29Cu*Ni)-(9.10Ni*P)-33.39(Cu*Cu) 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)
 =====

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
Emma Summers

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 4750 WEST MARSHALL AVE B.O.L. #: 1743048 MOS: T
 MANHATTAN, KS 66505 LONGVIEW, TX 75604

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

ASHTO : M270-50-23
 ASTM : A992-22/A529-19-50/A572502111/A7095021
 CSA : G40.2150WM

Description Part #	Heat# Grade(s) Test/Heat JW	Yield/ Tensile Ratio	Yield (PSI)	Tensile (MPa)	Elong (%)	C Cr	Mn Mo Ti	P Sb	S B	Si V N	Cu Nb	Ni CI	CE1 CE2 PCM
C12X20.7 040' 00.00' C310X30.8 012.1920m 2512207040	2317610 A992-22	.81 .80	59700 412 59300 409	73800 509 73900 510	25.00 3.00	.07 .04	1.00 .01 .001	.013 .0040	.018 .0002	.25 .002 .0064	.10 .027	.04 2.96	.25 .2999 .1335
C12X20.7 040' 00.00' C310X30.8 012.1920m 2512207040	1317607 A992-22	.82 .84	60300 416 61700 425	73500 507 73400 506	24.00 25.00	.07 .04	1.02 .01 .001	.013 .0049	.019 .0003	.24 .002 .0067	.10 .032	.04 3.04	.26 .3075 .1405
W12X26 020' 00.00' W310X38.7 006.0960m 3712260020	2316487 A992-22	.80 .79	55700 384 54900 379	69400 479 69700 481	25.00 25.00	.07 .05	1.05 .01 .001	.013 .0051	.021 .0003	.23 .002 .0066	.13 .030	.04 3.63	.27 .3112 .1397

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