



Mill Certification
 12/06/2023

MTR#:1546151-2
 Lot #:110004894861
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Sold To:

HOUSTON, TX 77213 US

HOUSTON, TX 77213 US

Customer PO	sww139135	Sales Order #	11065456 - 3.5
Product Group	Hot Roll - Merchant Bar Quality	Product #	1063040
Grade	Nucor Multigrade	Lot #	110004894861
Size	4" x 3" x 0.25"	Heat #	1100048948
BOL #	BOL-1592192	Load #	1546151
Description	Hot Roll - Merchant Bar Quality Unequal Angle 4" x 3" x 1/4" Nucor Multigrade 40' 0" [480"] 10001-15000 lbs	Customer Part #	
Production Date	07/14/2023	Qty Shipped LBS	20880
Product Country Of Origin	United States	Qty Shipped EA	90
Original Item Description		Original Item Number	

I hereby certify that the material described herein has been manufactured in accordance with the specifications and standards listed above and that it satisfies those requirements.

Melt Country of Origin : United States

Melting Date: 07/07/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.13	0.88	0.014	0.017	0.224	0.09	0.16	0.02	0.29	0.001	0.043	0.003

Sn (%)

0.011

ASTM A529 S78.2 CE (%) : 0.38

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	55500	72900	21.0
(2)	55200	72700	22.0

Comments:

NUCOR MULTIGRADE MEETS THE REQUIREMENTS OF: ASTM A36/A36M-14; A529/529M-05(2009) GR50(345); A572/572M-07 GR50(345); A709/709M-10 GR36(250) & GR50(345); CSA G40.21-04 GR44W(300W)& GR50W(350W); AASHTO M270/M270M-10 GR36(270) & GR50(345); ASME SA36/SA36M-07; MEETS REPORTING REQUIREMENTS OF EN10204 SEC 3.1

- All manufacturing processes of the steel, including melting, casting & hot rolling, have been performed in U.S.A
- Mercury not intentionally added at any point during manufacturing or testing of this material.
- Welding or weld repair was not performed on this material.
- This material conforms to the specifications described on this document and may not be reproduced, except in full, without written approval of Nucor Corporation.
- Results reported ASTM E45 (Inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.

Ada Ortega, Quality Assurance