



**Mill Certification**  
07/26/2023

MTR#:1440533-4  
 Lot #:110004897561  
 8812 HWY 79 W  
 Jewett, TX 75848 US  
 903 626-4461  
 Fax: 903 626-6290

Customer PO	ssw137239	Sales Order #	11062477 - 1.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3007312
Grade	Nucor Multigrade	Lot #	110004897561
Size	5" x 3.5" x 0.375"	Heat #	1100048975
BOL #	BOL-1488530	Load #	1440533
Description	Hot Roll - Merchant Bar Quality Unequal Angle 5" x 3 1/2" x 3/8" Nucor Multigrade 40' 0" [480"] 6001-10000 lbs	Customer Part #	
Production Date	07/13/2023	Qty Shipped LBS	19968
Product Country Of Origin	United States	Qty Shipped EA	48
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: 07/08/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.14	0.85	0.015	0.020	0.223	0.10	0.20	0.03	0.24	0.001	0.038	0.003
<b>Sn (%)</b>											
0.009											

ASTM A529 S78.2 CE (%) : 0.39

**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	55700	72200	25.0
(2)	55800	72600	26.0

**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