

Mill Certification

03/06/2025

MTR#:1916629-5
 Lot #:110006245161
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Sold To:

Ship To:

Customer PO	4500590223	Sales Order #	11082074 - 22.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3007331
Grade	Nucor Multigrade	Lot #	110006245161
Size	6" x 3.5" x 0.3125"	Heat #	1100062451
BOL #	BOL-1957936	Load #	1916629
Description	Hot Roll - Merchant Bar Quality Unequal Angle 6" x 3 1/2" x 5/16" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	506003161020
Production Date	03/06/2025	Qty Shipped LBS	10584
Product Country Of Origin	United States	Qty Shipped EA	54
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: 10/12/2024

Roll Country of Origin : United States

Rolling Date: 10/18/2024

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.13	0.90	0.012	0.019	0.212	0.10	0.15	0.03	0.27	0.000	0.040	0.001
Sn (%)											
0.008											

ASTM A529 S78.2 CE (%) : 0.38

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57200	73800	22.0
(2)	57400	74800	24.0

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

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



Robert E. Fortson, Quality Assurance