



# Mill Certification

11/16/2023

MTR#:1532759-9  
 Lot #:110005164860  
 8812 HWY 79 W  
 Jewett, TX 75846 US  
 903 626-4461  
 Fax: 903 626-6290

Sold To: SUPERIOR SUPPLY & STEEL  
 PO BOX 2388  
 SULPHUR, LA 70664 US

Ship To: SUPERIOR SUPPLY  
 318 CITIES SERVICE HWY  
 HWY-108  
 SULPHUR, LA 70663 US

Customer PO	P0245527-01	Sales Order #	11066701 - 5.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016516
Grade	Nucor Multigrade	Lot #	110005164860
Size	0.25" x 12"	Heat #	1100051648
BOL #	BOL-1579525	Load #	1532759
Description	Hot Roll - Merchant Bar Quality UM Plate 1/4" x 12" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	10/03/2023	Qty Shipped LBS	4900
Product Country Of Origin	United States	Qty Shipped EA	24
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: 09/26/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.12	0.83	0.011	0.020	0.176	0.09	0.14	0.03	0.22	0.000	0.042	0.002

**Sn (%)**

0.008

ASTM A529 S78.2 CE (%) : 0.35

### Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	58300	73200	21.0
(2)	57800	70700	20.0

### 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