



# Mill Certification

12/07/2023

MTR#:1548214-9  
Lot #:110005006160  
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	P0245958-01	Sales Order #	11067419 - 5.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3050421
Grade	Nucor Multigrade	Lot #	110005006160
Size	0.5" x 5"	Heat #	1100050061
BOL #	BOL-1594482	Load #	1548214
Description	Hot Roll - Merchant Bar Quality Flat 1/2" x 5" Nucor Multigrade 20' 0" [240"] 4001-8000 lbs	Customer Part #	
Production Date	08/18/2023	Qty Shipped LBS	5104
Product Country Of Origin	United States	Qty Shipped EA	30
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: 08/09/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Sn (%)
0.14	0.85	0.015	0.011	0.213	0.14	0.26	0.04	0.31	0.001	0.051	0.010

ASTM A529 S78.2 CE (%) : 0.42

### Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	59600	74700	20.0
(2)	59500	75000	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