



### Mill Certification

01/06/2023

MTR#: 1224107-4  
Lot #: 800002090822  
300 STEEL MILL RD  
DARLINGTON, SC 29540 US  
843 393-5841  
Fax: 843 395-8701

Sold To: SOUTH ATLANTIC LLC  
1907 S 17TH ST  
STE 2A  
WILMINGTON, NC 28401 US

Ship To: SOUTH ATLANTIC LLC  
C/O CLAXTON EVANS INDU PK  
HWY 280  
160 INDUSTRIAL PARK DR  
CLAXTON, GA 30417 US

Customer PO	50682	Sales Order #	80040450 - 12.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016420
Grade	Nucor Multigrade	Lot #	800002090822
Size	0.25" x 4"	Heat #	8000020908
BOL #	BOL-1319393	Load #	1224107
Description	Hot Roll - Merchant Bar Quality Flat 1/4" x 4" Nucor Multigrade 20' 0" [240"] 4001-8000 lbs	Customer Part #	
Production Date	11/07/2022	Qty Shipped LBS	5105
Product Country Of Origin	United States	Qty Shipped EA	75
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: 10/31/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.14	0.67	0.010	0.018	0.223	0.10	0.12	0.02	0.30	0.001	0.003	0.011

**Sn (%)**

0.007

ASTM A529 S78.2 CE (%) : 0.35

ASTM A992 5.4 CE (%) : 0.31

Reduction Ratio 49.00 : 1

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57500	74400	29.0
(2)	57900	75300	31.0

Comments:

Nucor Multigrade meets the requirements of: ASTM A36/A36M, A529/A529M GR50, A572/A572M GR50(345), A709/A709M GR36(250) & GR50(345), CSA G40.21 GR44W(300W) & GR50W(350W), AASHTO M270/M270M-10 GR36(270) & GR50(345), ASME SA36/SA36M, QQ-S-741D, CAT 1E1883. Produced to a fully killed, fine grain practice.

Welding or weld repair was not performed on this material.

Melted and Manufactured in the U.S.A and complies with the Buy American Act.

Mercury, radium, or alpha source materials not intentionally added at any point during manufacturing or testing of this material.

Material is certified to the most recent revision of the specification(s) and grade indicated at the time of production.

Conforms to EN 10204 - 3.1

Mark Schmidt, Chief Metallurgist