

**NUCOR**

**Mill Certification**  
 10/27/2023

MTR#:1515632-5  
 Lot #: 110005203420  
 8812 HWY 79 W  
 Jewett, TX 75848 US  
 903 626-4461  
 Fax: 903 626-6290

SE

ON 13 CLINTON DR  
 HOUSTON, TX 77213 US

Customer PO	ssw138735	Sales Order #	11064664 - 21.3
Product Group	Hot Roll - Merchant Bar Quality	Product #	3008986
Grade	Nucor Multigrade	Lot #	110005203420
Size	0.875"	Heat #	1100052034
BOL #	BOL-1562908	Load #	1515632
Description	Hot Roll - Merchant Bar Quality Round 0.875" (7/8") Nucor Multigrade 20' 0" [240"] 4001-8000 lbs	Customer Part #	
Production Date	10/13/2023	Qty Shipped LBS	4906
Product Country Of Origin	United States	Qty Shipped EA	120
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.

Melting Date: 10/07/2023

Melt Country of Origin : United States

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Sn (%)
0.13	0.86	0.015	0.016	0.210	0.10	0.18	0.03	0.24	0.001	0.042	0.010

ASTM A529 S78.2 CE (%) : 0.38

**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	58600	72600	23.0
(2)	58900	73300	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) & GR60W(350W); AASHTO M270/M270M-10 GR38(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