



Mill Certification
 05/18/2023

MTR#:1341139-4
 Lot #:110004683360
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Customer PO	ssw135073	Sales Order #	11058771 - 3.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3018241
Grade	Nucor Multigrade	Lot #	110004683360
Size	1" x 10"	Heat #	1100046833
BOL #	BOL-1432388	Load #	1341139
Description	Hot Roll - Merchant Bar Quality UM Plate 1" x 10" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	05/12/2023	Qty Shipped LBS	7486
Product Country Of Origin	United States	Qty Shipped EA	11
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: 05/02/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.14	0.83	0.013	0.020	0.216	0.14	0.20	0.05	0.30	0.001	0.059	0.000
Sn (%)											
0.009											

ASTM A529 S78.2 CE (%) : 0.40

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	56700	73000	25.0
(2)	57500	73900	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.

Ada Ortega, Quality Assurance