



Mill Certification
07/11/2023

MTR#:1426924-4
 Lot #:110004776960
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Customer PO	ssw136643	Sales Order #	11061512 - 20.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016860
Grade	Nucor Multigrade	Lot #	110004776960
Size	0.375" x 6"	Heat #	1100047769
BOL #	BOL-1475056	Load #	1426924
Description	Hot Roll - Merchant Bar Quality Flat 3/8" x 6" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	06/01/2023	Qty Shipped LBS	19600
Product Country Of Origin	United States	Qty Shipped EA	128
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: 05/30/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Sn (%)
0.13	0.85	0.016	0.024	0.242	0.10	0.21	0.03	0.25	0.001	0.047	0.009

ASTM A529 S78.2 CE (%) : 0.39

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57200	71800	25.0
(2)	57500	73000	21.0

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