

NUCOR

Mill Certification
 06/06/2023

MTR#:1399367-2
 Lot #:110004777161
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

PO BOX 111111
 FORT WORTH, TEXAS 76101-1111

Customer PO	ssw130479	Sales Order #	11050743 - 3.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016439
Grade	Nucor Multigrade	Lot #	110004777161
Size	0.25" x 4.5"	Heat #	1100047771
BOL #	BOL-1447159	Load #	1399367
Description	Hot Roll - Merchant Bar Quality Flat 1/4" x 4 1/2" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	06/06/2023	Qty Shipped LBS	4900
Product Country Of Origin	United States	Qty Shipped EA	64
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: 05/30/2023

Melt Country of Origin : United States

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Sn (%)
0.12	0.83	0.017	0.024	0.207	0.14	0.27	0.04	0.29	0.000	0.039	0.009

ASTM A529 S78.2 CE (%) : 0.40

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57600	71400	23.0
(2)	58400	72600	25.0

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 is 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