

Ship To: CPU RYDER
4750 W MARSHALL AVE
LONGVIEW, TX 75604 US

Customer PO	4500552980	Sales Order #	11060752 - 2.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3050421
Grade	Nucor Multigrade	Lot #	110004777660
Size	0.5" x 5"	Heat #	1100047776
BOL #	BOL-1483504	Load #	1416686
Description	Hot Roll - Merchant Bar Quality Flat 1/2" x 5" Nucor Multigrade 20' 0" [240"] 4001-8000 lbs	Customer Part #	101650020
Production Date	06/02/2023	Qty Shipped LBS	10208
Product Country Of Origin	United States	Qty Shipped EA	60
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	0.86	0.016	0.024	0.218	0.12	0.20	0.04	0.30	0.001	0.049	0.007

ASTM A529 S78.2 CE (%) : 0.40

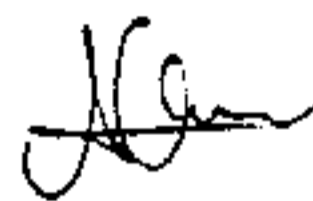
Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	60300	75600	22.0
(2)	60700	76400	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

- 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