NUCOR

Mill Certification

04/20/2022

MTR#:1004341-6
Lot #:110003361360
8812 HWY 79 W
Jewett. TX 75846 US
903 626-4461
Fax: 903 626-6290

Customer PO	ssw125721	Sales Order #	11041632 - 3.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3017560
Grade	Nucor Multigrade	Lot #	110003361360
Size	0.625" x 5"	Heat #	1100033613
BOL #	BOL-1107334	Load #	1004341
Description	Hot Roll - Merchant Bar Quality Flat 5/8" x 5" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	03/17/2022	Qty Shipped LBS	5104
Product Country Of Origin	United States	Qty Shipped EA	24
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: 03/15/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Sn (%)
0.14	0.84	0.015	0.028	0.200	0.12	0.17	0.03	0.32	0.000	0.050	0.011

ASTM A529 S78.2 CE (%) : 0.40

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57600	75000	21.0
(2)	58600	74900	22.0

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.

Robert Fortson, Quality Assurance