



Mill Certification
02/07/2023

MTR#:1252565-3
Lot #:110004297960
8812 HWY 79 W
Jewett, TX 75846 US
903 626-4461
Fax: 903 626-6290

MANHATTAN, KS 66502 US

4750 W MARSHALL AVE
LONGVIEW, TX 75604 US

| | | | |
|------------------------------|--|-------------------------|----------------|
| Customer PO | 4500544494 | Sales Order # | 11055784 - 3.1 |
| Product Group | Hot Roll - Merchant Bar Quality | Product # | 3016860 |
| Grade | Nucor Multigrade | Lot # | 110004297960 |
| Size | 0.375" x 6" | Heat # | 1100042979 |
| BOL # | BOL-1345574 | Load # | 1252565 |
| Description | Hot Roll - Merchant Bar Quality Flat 3/8" x 6" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs | Customer Part # | 101260020 |
| Production Date | 01/13/2023 | Qty Shipped LBS | 9800 |
| 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.

Melt Country of Origin : United States

Melting Date: 01/07/2023

| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Ni (%) | Cr (%) | Mo (%) | Cu (%) | Ti (%) | V (%) | Sn (%) |
|-------|--------|-------|-------|--------|--------|--------|--------|--------|--------|-------|--------|
| 0.12 | 0.84 | 0.021 | 0.014 | 0.228 | 0.16 | 0.30 | 0.05 | 0.30 | 0.001 | 0.044 | 0.010 |

ASTM A529 S78.2 CE (%) : 0.41

Tensile testing

| | Yield (PSI) | Tensile (PSI) | Elongation in 8" (%) |
|-----|-------------|---------------|-------------------------|
| (1) | 57000 | 73800 | 20.0 |
| (2) | 56600 | 73800 | 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

- 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