

|                           |  |                      |                |
|---------------------------|--|----------------------|----------------|
| Customer PO               | 4500536055   | Sales Order #        | 11050363 - 1.1 |
| Product Group             | Hot Roll - Merchant Bar Quality  | Product #            | 3017890        |
| Grade                     | Nucor Multigrade   | Lot #                | 110796301060   |
| Size                      | 0.75" x 8"   | Heat #               | 1107963010     |
| BOL #                     | BOL-1267407  | Load #               | 1172820        |
| Description               | Hot Roll - Merchant Bar Quality Flat 3/4" x 8" Nucor Multigrade<br>20' 0" [240"] 2001-6000 lbs | Customer Part #      | 102480020      |
| Production Date           | 10/14/2022   | Qty Shipped LBS      | 9800           |
| 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: 07/22/2022

| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Ni (%) | Cr (%) | Mo (%) | Cu (%) | V (%) | Sn (%) |
|-------|--------|-------|-------|--------|--------|--------|--------|--------|-------|--------|
| 0.12  | 0.83   | 0.015 | 0.024 | 0.210  | 0.15   | 0.12   | 0.05   | 0.29   | 0.054 | 0.011  |

ASTM A529 S78.2 CE (%) : 0.37

**Tensile testing**

|     | Yield (PSI) | Tensile (PSI) | Elongation in 8" (%) |
|-----|-------------|---------------|----------------------|
| (1) | 53800       | 70200         | 23.0                 |
| (2) | 53900       | 71100         | 20.0                 |

**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.

