



Mill Certification
07/11/2023

MTR#:1425787-5
 Lot #:110004744620
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

| | | | |
|---------------------------|--|----------------------|-----------------|
| Customer PO | ssw136116 | Sales Order # | 11060729 - 39.1 |
| Product Group | Hot Roll - Merchant Bar Quality | Product # | 3017737 |
| Grade | A36/A529 Gr 50, CSA 44W/50W | Lot # | 110004744620 |
| Size | 0.75" x 2.5" | Heat # | 1100047446 |
| BOL # | BOL-1473992 | Load # | 1425787 |
| Description | Hot Roll - Merchant Bar Quality Flat 3/4" x 2 1/2" A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 4001-8000 lbs | Customer Part # | |
| Production Date | 05/24/2023 | Qty Shipped LBS | 5104 |
| Product Country Of Origin | United States | Qty Shipped EA | 40 |
| 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: 05/20/2023

| C (%) | Mn (%) | P (%) | S (%) | Si (%) | Ni (%) | Cr (%) | Mo (%) | Cu (%) | V (%) | Nb (%) |
|-------|--------|-------|-------|--------|--------|--------|--------|--------|-------|--------|
| 0.14 | 0.87 | 0.015 | 0.024 | 0.229 | 0.14 | 0.21 | 0.05 | 0.32 | 0.046 | 0.002 |

Reduction Ratio 20.79 : 1

Tensile testing

| | Yield (PSI) | Tensile (PSI) | Elongation in 8" (%) |
|-----|-------------|---------------|----------------------|
| (1) | 54600 | 71600 | 21.0 |
| (2) | 55600 | 72800 | 22.0 |

Comments:

MEETS THE REQUIREMENTS OF: ASTM A36/A36M-19; A529/A529-05 GR50(345); A572/572M-07 GR50(345); A709/A709M-10 GR36(250); CSA G40.21-04 GR44W(300W)&GR50W(350W); AASHTO M270/270M-10 GR36(270); ASME SA36/SA36M-10; 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