



Mill Certification
11/02/2022

MTR#:1178473-3
Lot #:110003946921
8812 HWY 79 W
Jewett, TX 75846 US
903 626-4461
Fax: 903 626-6290

Customer PO	ssw129974	Sales Order #	11049977 - 7.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016986
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110003946921
Size	0.5" x 1"	Heat #	1100039469
BOL #	BOL-1273170	Load #	1178473
Description	Hot Roll - Merchant Bar Quality Flat 1/2" x 1" A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	09/22/2022	Qty Shipped LBS	4899
Product Country Of Origin	United States	Qty Shipped EA	144
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: 09/08/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.14	0.82	0.015	0.021	0.193	0.10	0.16	0.03	0.30	0.026	0.001

Reduction Ratio 77.99 : 1

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	54200	72700	23.0
(2)	54500	72700	23.0

Comments:

MEETS THE REQUIREMENTS OF: ASTM A36/A36M-14; 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

Date: 5/4/2023 To: SENTRY SUPPLY dba SO#: A762808 Ln#: 1 PO#: P0241349-01 Part: F05001020* Qty: 27
Heat#: 1100039469* Tag: B13050323