



### Mill Certification

09/12/2023

MTR#:1479083-4  
 Lot #:110004614461  
 8812 HWY 79 W  
 Jewett, TX 75846 US  
 903 626-4461  
 Fax: 903 626-6290

Customer PO	ssw136799	Sales Order #	11061693 - 4.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3044364
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110004614461
Size	2" x 2" x 0.25"	Heat #	1100046144
BOL #	BOL-1526500	Load #	1479083
Description	Hot Roll - Merchant Bar Quality Equal Angle 2" x 2" x 1/4" A36/A529 Gr 50/44W/50W 40' 0" [480"] 10001-12000 lbs	Customer Part #	
Production Date	05/01/2023	Qty Shipped LBS	20672
Product Country Of Origin	United States	Qty Shipped EA	162
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: 04/14/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.12	0.84	0.018	0.021	0.206	0.10	0.23	0.04	0.30	0.029	0.001

Reduction Ratio 41.59 : 1

**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	53400	70300	28.0
(2)	53100	70700	30.0

**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