



**Mill Certification**  
08/08/2024

MTR#:1739451-10  
Lot #:110005893320  
8812 HWY 79 W  
Jewett, TX 75846 US  
903 626-4461  
Fax: 903 626-6290

Sold To: SUPERIOR SUPPLY & STEEL  
PO BOX 2388  
SULPHUR, LA 70664 US

Ship To: SUPERIOR SUPPLY  
318 CITIES SERVICE HWY  
HWY-108  
SULPHUR, LA 70663 US

Customer PO	PO250918-01	Sales Order #	11075928 - 2.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3008202
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110005893320
Size	0.5"	Heat #	1100058933
BOL #	BOL-1783262	Load #	1739451
Description	Hot Roll - Merchant Bar Quality Round 0.5" (1/2") A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	05/31/2024	Qty Shipped LBS	5010
Product Country Of Origin	United States	Qty Shipped EA	375
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: 05/22/2024

Roll Country of Origin : United States

Rolling Date: 05/31/2024

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.12	0.82	0.010	0.018	0.202	0.10	0.17	0.03	0.28	0.018	0.002

Reduction Ratio 198.59 : 1

**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	53100	70400	26.0
(2)	52500	70300	25.0

**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