



# Mill Certification

11/10/2021

MTR#:868668-9  
Lot #:110002853720  
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	P0227531-01	Sales Order #	11035872 - 6.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3008419
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110002853720
Size	0.625"	Heat #	1100028537
BOL #	BOL-972308	Load #	868668
Description	Hot Roll - Merchant Bar Quality Round 0.625" (5/8") A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	10/13/2021	Qty Shipped LBS	5006
Product Country Of Origin	United States	Qty Shipped EA	240
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: 10/11/2021

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.14	0.83	0.017	0.029	0.206	0.12	0.15	0.04	0.27	0.030	0.002

Reduction Ratio 127.19 : 1

### Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57700	74500	23.0
(2)	57800	74200	24.0

### 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.

Robert Fortson, Quality Assurance