



Mill Certification
09/06/2023

MTR#:1472865-8
Lot #:110005007220
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	P0243734 - 01	Sales Order #	11063592 - 12.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016986
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110005007220
Size	0.5" x 1"	Heat #	1100050072
BOL #	BOL-1521541	Load #	1472865
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	08/20/2023	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: 08/09/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.14	0.87	0.015	0.020	0.235	0.13	0.24	0.05	0.34	0.026	0.001

Reduction Ratio 77.99 : 1

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	53700	73600	26.0
(2)	54000	73600	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