NUCOR®

Mill Certification

08/24/2023

MTR#:1464887-7
Lot #:110005007320
8812 HWY 79 W
Jewett, TX 75846 US
903 626-4461
Fax: 903 626-6290

Customer PO	4500557989	Sales Order #	11063509 - 1.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016289
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110005007320
Size	0.25" x 1.25"	Heat #	1100050073
BOL #	BOL-1512776	Load #	1464887
Description	Hot Roll - Merchant Bar Quality Flat 1/4" x 1 1/4" A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	10810820
Production Date	08/19/2023	Qty Shipped LBS	14925
Product Country Of Origin	United States	Qty Shipped EA	702
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	0.85	0.014	0.018	0.224	0.14	0.24	0.05	0.32	0.019	0.002

Reduction Ratio 124.80 : 1

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	51200	72000	23.0
(2)	51000	72100	22.0

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

1. All manufacturing processes of the steel, including melting, casting & hot rolling, have been performed in U.S.A
2. Mercury not intentionally added at any point during manufacturing or testing of this material.
3. Welding or weld repair was not performed on this material.
4. This material conforms to the specifications described on this document and may not be reproduced, except in full, without written approval of Nucor Corporation.
5. Results reported ASTM E45 (Inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.

Ada Ortega, Quality Assurance