

PO BOX 1000
MARIETTA, TX 75552 US

Ship To: CPU RYDER
4750 W MARSHALL AVE
LONGVIEW, TX 75604 US

Customer PO	4500553069	Sales Order #	11060783 - 1.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016310
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110004741020
Size	0.25" x 1.5"	Heat #	1100047410
BOL #	BOL-1490651	Load #	1442613
Description	Hot Roll - Merchant Bar Quality Flat 1/4" x 1 1/2" A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	10811620
Production Date	05/26/2023	Qty Shipped LBS	5104
Product Country Of Origin	United States	Qty Shipped EA	200
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: 05/20/2023									
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.12	0.82	0.013	0.023	0.209	0.15	0.22	0.04	0.32	0.018	0.002

Reduction Ratio 103.97 : 1

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	52900	71700	23.0
(2)	51000	72600	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