

Customer PO	4500542723	Sales Order #	11054465 - 1.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016622
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110004210221
Size	0.375" x 1"	Heat #	1100042102
BOL #	BOL-1339760	Load #	1246950
Description	Hot Roll - Merchant Bar Quality Flat 3/8" x 1" A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	101210020
Production Date	12/09/2022	Qty Shipped LBS	19600
Product Country Of Origin	United States	Qty Shipped EA	768
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: 12/02/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.13	0.87	0.011	0.016	0.221	0.11	0.16	0.04	0.25	0.020	0.003

Reduction Ratio 103.97 : 1

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	52300	72000	24.0
(2)	51300	72100	26.0

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