

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

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

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