

Customer PO	4500521500	Sales Order #	11039820 - 4.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3044398
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110003190662
Size	2" x 2" x 0.375"	Heat #	1100031906
BOL #	BOL-1060435	Load #	947327
Description	Hot Roll - Merchant Bar Quality Equal Angle 2" x 2" x 3/8" A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	502002001220
Production Date	02/18/2022	Qty Shipped LBS	5076
Product Country Of Origin	United States	Qty Shipped EA	54
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: 01/22/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.14	0.86	0.016	0.025	0.253	0.12	0.22	0.05	0.26	0.034	0.002

Reduction Ratio 28.23 : 1

**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	55000	75200	27.0
(2)	55200	75200	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.



Robert Fortson, Quality Assurance