

Sold To:

Ship To:

Customer PO	4500575531	Sales Order #	11073584 - 1.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3004916
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110005795420
Size	1" x 1" x 0.1875"	Heat #	1100057954
BOL #	BOL-1756848	Load #	1710746
Description	Hot Roll - Merchant Bar Quality Equal Angle 1" x 1" x 3/16" A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	50100100620
Production Date	05/07/2024	Qty Shipped LBS	10254
Product Country Of Origin	United States	Qty Shipped EA	442
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: 04/21/2024

Roll Country of Origin : United States

Rolling Date: 05/07/2024

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.12	0.78	0.017	0.022	0.225	0.13	0.22	0.04	0.30	0.025	0.001

Reduction Ratio 114.36 : 1

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57200	74000	24.0
(2)	57800	75200	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