

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

Customer PO	4500568060	Sales Order #	11069179 - 2.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3005019
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110005126520
Size	1.25" x 1.25" x 0.1875"	Heat #	1100051265
BOL #	BOL-1636643	Load #	1590232
Description	Hot Roll - Merchant Bar Quality Equal Angle 1 1/4" x 1 1/4" x 3/16" A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	50108108620
Production Date	09/27/2023	Qty Shipped LBS	4884
Product Country Of Origin	United States	Qty Shipped EA	165
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: 09/14/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.13	0.80	0.018	0.016	0.188	0.11	0.23	0.03	0.26	0.027	0.001

Reduction Ratio 89.64 : 1

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	54000	70500	27.0
(2)	55000	71200	27.0

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.