

INC
 MARSHALL, TX 75802 US

1750 W MARSHALL AVE

Customer PO	4500558966	Sales Order #	11064116 - 1.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3005039
Grade	A36/A529 Gr 50, CSA 44W/50W	Lot #	110005126320
Size	1.25" x 1.25" x 0.25"	Heat #	1100051263
BOL #	BOL-1544426	Load #	1497342
Description	Hot Roll - Merchant Bar Quality Equal Angle 1 1/4" x 1 1/4" x 1/4" A36/A529 Gr 50, CSA 44W/50W 20' 0" [240"] 2001-6000 lbs	Customer Part #	50108108820
Production Date	09/27/2023	Qty Shipped LBS	5184
Product Country Of Origin	United States	Qty Shipped EA	135
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 (%)
0.14	0.79	0.020	0.017	0.206	0.13	0.22	0.03	0.29	0.031	0.001

Reduction Ratio 69.09 : 1

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	54600	71200	25.0
(2)	55100	71700	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