



Mill Certification
07/26/2024

MTR#:1729123-3
 Lot #:110005859160
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Sold To:

Ship To:

Customer PO	ssw144805	Sales Order #	11075314 - 12.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3044626
Grade	Nucor Multigrade	Lot #	110005859160
Size	3.5" x 3.5" x 0.3125"	Heat #	1100058591
BOL #	BOL-1773198	Load #	1729123
Description	Hot Roll - Merchant Bar Quality Equal Angle 3 1/2" x 3 1/2" x 5/16" Nucor Multigrade 40' 0" [480"] 10001-15000 lbs	Customer Part #	
Production Date	05/21/2024	Qty Shipped LBS	20160
Product Country Of Origin	United States	Qty Shipped EA	70
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: 05/11/2024

Roll Country of Origin : United States

Rolling Date: 05/21/2024

C (%)	Mn (%)	P (%)	S (%)	SI (%)	NI (%)	Cr (%)	Mo (%)	Cu (%)	TI (%)	V (%)	Nb (%)
0.12	0.90	0.015	0.024	0.208	0.14	0.23	0.05	0.26	0.000	0.040	0.002
Sn (%)											
0.009											

ASTM A529 S78.2 CE (%) : 0.40

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57700	75500	21.0
(2)	56700	75400	21.0

Comments:

NUCOR MULTIGRADE MEETS THE REQUIREMENTS OF: ASTM A36/A36M-14; A529/529M-05(2009) GR50(345); A572/572M-07 GR50(345); A709/709M-10 GR36(250) & GR50(345); CSA G40.21-04 GR44W(300W)& GR50W(350W); AASHTO M270/M270M-10 GR36(270) & GR50(345); ASME SA36/SA36M-07; 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