

Mill Certification
07/12/2024

MTR#:1716115-3
Lot #:110005945962
8812 HWY 79 W
Jewett, TX 75846 US
903 626-4461
Fax: 903 626-6290

Sold To: PO BOX 1688
MANHATTAN, KS 66502 US

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

Customer PO	4500576204	Sales Order #	11073947 - 3.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3006589
Grade	Nucor Multigrade	Lot #	110005945962
Size	5" x 5" x 0.375"	Heat #	1100059459
BOL #	BOL-1760288	Load #	1716115
Description	Hot Roll - Merchant Bar Quality Equal Angle 5" x 5" x 3/8" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	505005001220
Production Date	06/20/2024	Qty Shipped LBS	4920
Product Country Of Origin	United States	Qty Shipped EA	20
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: 06/07/2024

Roll Country of Origin : United States

Rolling Date: 06/20/2024

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.14	0.95	0.012	0.022	0.204	0.11	0.15	0.03	0.21	0.000	0.046	0.003
Sn (%)											
0.009											

ASTM A529 S78.2 CE (%) : 0.40

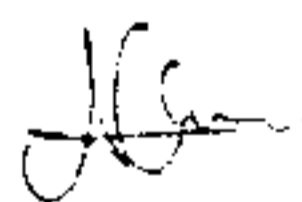
Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	56400	72900	23.0
(2)	54700	73200	25.0

Comments:

NUCOR MULTIGRADE MEETS THE REQUIREMENTS OF: ASTM A36/A36M-14; A529/529M-05(2009) GR50(345); A572/572M-07 GR50(345); A/09/709M-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