

Sold To: MANHATTAN, KS 66502 US

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

Customer PO	4500559291	Sales Order #	11064274 - 9.2
Product Group	Hot Roll - Merchant Bar Quality	Product #	3006440
Grade	Nucor Multigrade	Lot #	110005024264
Size	4" x 4" x 0.375"	Heat #	1100050242
BOL #	BOL-1570370	Load #	1524119
Description	Hot Roll - Merchant Bar Quality Equal Angle 4" x 4" x 3/8" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	504004001220
Production Date	11/03/2023	Qty Shipped LBS	24500
Product Country Of Origin	United States	Qty Shipped EA	125
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: 08/14/2023

Roll Country of Origin : United States

Rolling Date: 08/30/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.12	0.90	0.018	0.021	0.207	0.11	0.23	0.04	0.28	0.001	0.038	0.001

Sn (%)

0.008

ASTM A529 S78.2 CE (%) : 0.39

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	56300	72900	25.0
(2)	56100	72700	25.0

Comments:

NUCOR MULTIGRADE MEETS THE REQUIREMENTS OF: ASTM A36/A36M-19; 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

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