



# Mill Certification

06/05/2023

MTR#:1396431-3  
Lot #:360003319960  
ONE NUCOR WAY  
BOURBONNAIS, IL 60914 US  
815 937-3131  
Fax: 815 939-5599  
LP

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Customer PO	ssw136055	Sales Order #	36050141 - 2.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3006263
Grade	Nucor Multigrade	Lot #	360003319960
Size	3.5" x 3.5" x 0.375"	Heat #	3600033199
BOL #	BOL-1445684	Load #	1396431
Description	Hot Roll - Merchant Bar Quality Equal Angle 3 1/2" x 3 1/2" x 3/8" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	12/15/2022	Qty Shipped LBS	20292
Product Country Of Origin	United States	Qty Shipped EA	120
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.

Melting Date: 12/13/2022

Melt Country of Origin : United States

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	Nb (%)	Sn (%)
0.10	0.79	0.014	0.030	0.170	0.15	0.22	0.05	0.33	0.001	0.012	0.011

ASTM A529 S78.2 CE (%) : 0.35

ASTM A992 5.4 CE (%) : 0.32

### Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	55000	71100	24.1
(2)	53700	72200	24.1

**Comments:**  
Nucor Multigrade meets the requirements of: ASTM A36/A36M-19, A529/529M-19 GR50, A572/572M-18 GR50, A709/709M-18 GR36 & GR50 No CVN, CSA G40.21-13 GR44W(300W) & GR50W(350W), AASHTO M270/M270M-20 GR36 & GR50, ASME SA36/SA36M-19.  
Meets reporting requirements of EN10204 SEC3.1.  
All manufacturing processes of the steel materials in this product, including melting, have occurred within the United States. Products produced are weld free. Mercury, in any form, has not been used in the production or testing of this material.

Zachary Sprintz, Chief Metallurgist

Page 1 of 1

Date: 7/29/2023 To: SENTRY SUPPLY dba SO#: A775229 Ln#: 2 PO#: P0243085 Part: A353503720\* Qty: 1  
Heat#: 3600033199\* Tag: B08072823