

Sold To: S  
PO BOX 1688  
MANHATTAN, KS 66502 US

Ship To: ~~XXXXXXXXXX~~  
1000 FORT GIBSON RD  
CATOOSA, OK 74015 US

Customer PO	4500574274	Sales Order #	11072794 - 5.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3006589
Grade	Nucor Multigrade	Lot #	110005804861
Size	5" x 5" x 0.375"	Heat #	110005804861
BOL #	BOL-1723431	Load #	1669810
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	05/03/2024	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: 04/23/2024

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.12	0.97	0.011	0.026	0.203	0.10	0.17	0.04	0.31	0.001	0.044	0.002
Sn (%)											
0.010											
ASTM A529 S78.2 CE (%) : 0.40											

**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	54800	71200	23.0
(2)	55800	71600	23.0

**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

A572/572M-07 GR50(345)  
A709/709M-10 GR36(250) & GR50(345)