

Customer: NUCOR STEEL SERVICES INC  
 WARRICK, IN 46786 US

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

Customer PO	4500559291	Sales Order #	11064274 - 8.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3006263
Grade	Nucor Multigrade	Lot #	110005040363
Size	3.5" x 3.5" x 0.375"	Heat #	1100050403
BOL #	BOL-1544426	Load #	1497342
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 #	503163161220
Production Date	09/05/2023	Qty Shipped LBS	5100
Product Country Of Origin	United States	Qty Shipped EA	30
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: 08/20/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.14	0.89	0.017	0.006	0.223	0.15	0.28	0.04	0.28	0.001	0.039	0.002

**Sn (%)**  
0.009

ASTM A529 S78.2 CE (%) : 0.42

**Tensile testing**

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	58100	75600	22.0
(2)	58600	75900	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