

Date: 4/20/2023 To: SENTRY SUPPLY dba SO#: A760380 Ln#: 1 PO#: P0240924-01 Part: F05008020* Qty: 26
Heat#: 1107999590* Tag: B11041923

Customer PO	ssw132898	Sales Order #	11055089 - 16.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3017331
Grade	Nucor Multigrade	Lot #	110799959060
Size	0.5" x 8"	Heat #	1107999590
BOL #	BOL-1324522	Load #	1231379
Description	Hot Roll - Merchant Bar Quality Flat 1/2" x 8" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	12/30/2022	Qty Shipped LBS	19600
Product Country Of Origin	United States	Qty Shipped EA	72
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.

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Sn (%)
0.12	0.85	0.012	0.024	0.240	0.16	0.15	0.04	0.28	0.052	0.012

ASTM A529 S78.2 CE (%) : 0.38

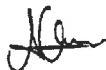
Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	58000	74600	22.0
(2)	58500	73800	22.0

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