

NUCOR

Mill Certification
01/25/2023

MTR#:1242148-4
Lot #:110004075162
8812 HWY 79 W
Jewett, TX 75846 US
903 626-4461
Fax: 903 626-6290

Date: 2/11/2023 To: SENTRY SUPPLY dba SO#: A750427 Ln#: 1 PO#: P0239301-08 Part: F06206020* Qty: 2
Heat#: 1100040751* Tag: B15021023

Customer PO	ssw133244	Sales Order #	11055803 - 16.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3017582
Grade	Nucor Multigrade	Lot #	110004075162
Size	0.625" x 6"	Heat #	1100040751
BOL #	BOL-1335084	Load #	1242148
Description	Hot Roll - Merchant Bar Quality Flat 5/8" x 6" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	11/02/2022	Qty Shipped LBS	10208
Product Country Of Origin	United States	Qty Shipped EA	40
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: 10/22/2022											
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Sn (%)	
0.13	0.85	0.022	0.021	0.212	0.12	0.23	0.04	0.38	0.001	0.056	0.012	
ASTM A529 S78.2 CE (%) : 0.40												

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	59200	74000	21.0
(2)	60400	75100	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