

NUCOR®

Mill Certification

08/18/2023

MTR#:1459649-4
 Lot #:360002489560
 ONE NUCOR WAY
 BOURBONNAIS, IL 60914 US
 815 937-3131
 Fax: 815 939-5599

Customer PO	ssw137863	Sales Order #	36053539 - 1.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3010526
Grade	Nucor Multigrade	Lot #	360002489560
Size	1.625"	Heat #	3600024895
BOL #	BOL-1507545	Load #	1459649
Description	Hot Roll - Merchant Bar Quality Round 1.625" (1 5/8") Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	11/16/2021	Qty Shipped LBS	5082
Product Country Of Origin	United States	Qty Shipped EA	36
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: 11/08/2021

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Sn (%)
0.17	0.69	0.010	0.036	0.206	0.17	0.13	0.05	0.33	0.000	0.028	0.010

ASTM A529 S78.2 CE (%) : 0.39

ASTM A992 5.4 CE (%) : 0.36

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	51100	73100	24.0
(2)	50900	73000	24.3

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.

Zach Sprintz

Zachary Sprintz, Chief Metallurgist