

NUCOR

Mill Certification
 11/02/2023

MTR#: 1520036-4
 Lot #: 360003631060
 ONE NUCOR WAY
 BOURBONNAIS, IL 60914 US
 815 937-3131
 Fax: 815 939-5599

PO BOX 9607
 HOUSTON, TX 77213 US

6415 CLINTON DR
 HOUSTON, TX 77029 US

Customer PO	ssw139591	Sales Order #	36056814 - 3.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	1047355
Grade	Nucor Multigrade	Lot #	360003631060
Size	3"	Heat #	3600036310
BOL #	BOL-1568053	Load #	1520036
Description	Hot Roll - Merchant Bar Quality Round 3" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	07/06/2023	Qty Shipped LBS	5773
Product Country Of Origin	United States	Qty Shipped EA	12
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: 06/25/2023

C (%)	Mn (%)	P (%)	S (%)	SI (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.14	0.94	0.016	0.037	0.196	0.18	0.16	0.06	0.41	0.000	0.003	0.017
Sn (%)											
0.017											
ASTM A529 S78.2 CE (%) : 0.41											
ASTM A992 5.4 CE (%) : 0.38											

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	51600	78600	20.4
(2)	52000	79200	21.0

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.

Zachary Sprintz

Zachary Sprintz, Chief Metallurgist