



Mill Certification
12/27/2022

MTR#:1218432-1
Lot #:110004241560
8812 HWY 79 W
Jewett, TX 75846 US
903 626-4461
Fax: 903 626-6290

Customer PO	ssw131980	Sales Order #	11053466 - 23.2
Product Group	Hot Roll - Merchant Bar Quality	Product #	3017373
Grade	Nucor Multigrade	Lot #	110004241560
Size	0.5" x 12"	Heat #	1100042415
BOL #	BOL-1312885	Load #	1218432
Description	Hot Roll - Merchant Bar Quality UM Plate 1/2" x 12" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	12/23/2022	Qty Shipped LBS	44100
Product Country Of Origin	United States	Qty Shipped EA	108
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: 12/21/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.13	0.81	0.014	0.018	0.199	0.12	0.17	0.04	0.25	0.000	0.052	0.001

Sn (%)

0.009

ASTM A529 S78.2 CE (%) : 0.38

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	60500	74900	23.0
(2)	60300	75100	23.0

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

1. All manufacturing processes of the steel, including melting, casting & hot rolling, have been performed in U.S.A
2. Mercury not intentionally added at any point during manufacturing or testing of this material.
3. Welding or weld repair was not performed on this material.
4. This material conforms to the specifications described on this document and may not be reproduced, except in full, without written approval of Nucor Corporation.
5. Results reported ASTM E45 (Inclusion content) and ASTM E381 (Macro-etch) are provided as interpretation of ASTM procedures.

Ada Ortega, Quality Assurance



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12/27/2022

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Lot #:110004241560
8812 HWY 79 W
Jewett, TX 75846 US
903 626-4461
Fax: 903 626-6290

Customer PO	ssw131980	Sales Order #	11053466 - 23.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3017373
Grade	Nucor Multigrade	Lot #	110004241560
Size	0.5" x 12"	Heat #	1100042415
BOL #	BOL-1312883	Load #	1218433
Description	Hot Roll - Merchant Bar Quality UM Plate 1/2" x 12" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	12/23/2022	Qty Shipped LBS	4900
Product Country Of Origin	United States	Qty Shipped EA	12
Original Item Description		Original Item Number	

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Melt Country of Origin : United States

Melting Date: 12/21/2022

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Sn (%)

0.009

ASTM A529 S78.2 CE (%) : 0.38

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	60500	74900	23.0
(2)	60300	75100	23.0

Comments:

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903 626-4461
Fax: 903 626-6290

Customer PO	ssw132191	Sales Order #	11053827 - 13.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3017373
Grade	Nucor Multigrade	Lot #	110004241560
Size	0.5" x 12"	Heat #	1100042415
BOL #	BOL-1312883	Load #	1218433
Description	Hot Roll - Merchant Bar Quality UM Plate 1/2" x 12" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	12/23/2022	Qty Shipped LBS	39200
Product Country Of Origin	United States	Qty Shipped EA	96
Original Item Description		Original Item Number	

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Melt Country of Origin : United States

Melting Date: 12/21/2022

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