



Mill Certification
 11/05/2020

MTR#:535453-5
 Lot #:110001591260
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Customer PO	SSW115744	Sales Order #	11024237 - 37.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016950
Grade	Nucor Multigrade	Lot #	110001591260
Size	0.375" x 12"	Heat #	1100015912
BOL #	BOL-615942	Load #	535453
Description	Hot Roll - Merchant Bar Quality UM Plate 3/8" x 12" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	09/30/2020	Qty Shipped LBS	19600
Product Country Of Origin	United States	Qty Shipped EA	64
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: 09/17/2020

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.13	0.84	0.010	0.019	0.220	0.11	0.16	0.04	0.28	0.001	0.057	0.002
Sn (%)											
0.011											

ASTM A529 S78.2 CE (%) : 0.38

Other Test Results

Yield (PSI) : 56400

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Tensile (PSI) : 73100

Tensile (PSI) : 71500

Elongation in 8" (%) : 20.0

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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 in any form has not been used in the production or testing of this product.
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.

Robert Fortson, Quality Assurance