

NUCOR

Mill Certification
08/15/2023

MTR#:1457477-7
 Lot #:110004783962
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Customer PO	SSW137279	Sales Order #	11062414 - 11.2
Product Group	Hot Roll - Merchant Bar Quality	Product #	1051336
Grade	Nucor Multigrade	Lot #	110004783962
Size	4" x 5.4#	Heat #	1100047839
BOL #	BOL-1504641	Load #	1457477
Description	Hot Roll - Merchant Bar Quality Structural Channel 4" x 5.4# Nucor Multigrade 20' 0" [240"] 4001-8000 lbs	Customer Part #	
Production Date	08/01/2023	Qty Shipped LBS	5184
Product Country Of Origin	United States	Qty Shipped EA	48
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
 Roll Country of Origin : United States

Melting Date: 06/03/2023
 Rolling Date: 06/15/2023

C (%)	Mn (%)	P (%)	S (%)	SI (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.13	0.81	0.015	0.022	0.199	0.12	0.21	0.03	0.26	0.001	0.034	0.002
Sn (%)											
0.009											

ASTM A529 S78.2 CE (%) : 0.37

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57100	73800	20.0
(2)	57400	74200	22.0

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 GR38(250) & GR50(345); CSA G40.21-04 GR44W(300W) & GR50W(350W); AASHTO M270/M270M-10 GR36(270) & GR50(345); ASME SA38/SA38M-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