

PO BOX 1688
MANHATTAN, KS 66502 US

Ship To: CPU RYDER
4750 W MARSHALL AVE
LONGVIEW, TX 75604 US

Customer PO	4500558892	Sales Order #	11064077 - 3.2
Product Group	Hot Roll - Merchant Bar Quality	Product #	3008041
Grade	Nucor Multigrade	Lot #	110004709061
Size	6" x 8.2#	Heat #	1100047090
BOL #	BOL-1553732	Load #	1477665
Description	Hot Roll - Merchant Bar Quality Structural Channel 6" x 8.2# Nucor Multigrade 40' 0" [480"] 6001-10000 lbs	Customer Part #	25682040
Production Date	05/18/2023	Qty Shipped LBS	18368
Product Country Of Origin	United States	Qty Shipped EA	56
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: 05/12/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.12	0.83	0.014	0.018	0.219	0.11	0.19	0.05	0.31	0.001	0.036	0.001

Sn (%)
0.011

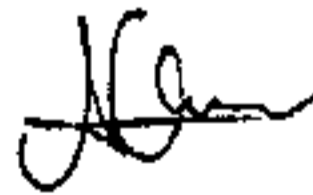
ASTM A529 S78.2 CE (%) : 0.38

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	57900	73400	23.0
(2)	57800	73200	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
- 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