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MANHATTAN, KS 66502 US

LONGVIEW, TX 75604 US

Customer PO	4500533368	Sales Order #	11048765 - 2.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3006985
Grade	Nucor Multigrade	Lot #	110003685363
Size	3" x 2" x 0.375"	Heat #	1100036853
BOL #	BOL-1213417	Load #	1118482
Description	Hot Roll - Merchant Bar Quality Unequal Angle 3" x 2" x 3/8" Nucor Multigrade 20' 0" [240"] 2001-6000 lbs	Customer Part #	503002001220
Production Date	06/22/2022	Qty Shipped LBS	4956
Product Country Of Origin	United States	Qty Shipped EA	42
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.

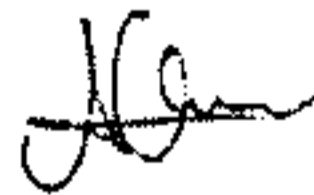
Melt Country of Origin : United States	Melting Date: 06/20/2022										
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	Ti (%)	V (%)	Nb (%)
0.12	0.84	0.013	0.014	0.191	0.11	0.16	0.04	0.27	0.001	0.040	0.001
Sn (%)											
0.009											
ASTM A529 S78.2 CE (%) : 0.36											

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	54800	70600	25.0
(2)	54900	70200	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