



Mill Certification

11/28/2022

MTR#: 1197745-2
 Lot #: 110004014160
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Customer PO	ssw132167	Sales Order #	11051186 - 36.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3050229
Grade	A529 Gr 55	Lot #	110004014160
Size	0.3125" x 8"	Heat #	1100040141
BOL #	BOL-1292207	Load #	1197745
Description	Hot Roll - Merchant Bar Quality Flat 5/16" x 8" A529 Gr 55 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	10/12/2022	Qty Shipped LBS	5104
Product Country Of Origin	United States	Qty Shipped EA	30
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: 10/04/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.14	1.06	0.018	0.027	0.227	0.12	0.26	0.04	0.28	0.006	0.033

ASTM A529 S78.2 CE (%) : 0.45

Mn/C Ratio : 7.37

V + Nb (%) : 0.039

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	64400	80800	21.0
(2)	65800	82200	21.0

Comments:

- 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