

Mill Certification

01/09/2024

MTR#:1569110-9
 Lot #:110004984560
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Sold To: SUPERIOR SUPPLY & STEEL
 PO BOX 2388
 SULPHUR, LA 70664 US

Ship To: SUPERIOR SUPPLY
 318 CITIES SERVICE HWY
 HWY-108
 SULPHUR, LA 70663 US

Customer PO	P0245790-01	Sales Order #	11067110 - 5.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3017224
Grade	A529 Gr 55	Lot #	110004984560
Size	0.5" x 5"	Heat #	1100049845
BOL #	BOL-1615776	Load #	1569110
Description	Hot Roll - Merchant Bar Quality Flat 1/2" x 5" A529 Gr 55 20' 0" [240"] 4001-6000 lbs	Customer Part #	
Production Date	08/21/2023	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: 08/02/2023

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.16	1.10	0.013	0.017	0.208	0.10	0.15	0.03	0.29	0.004	0.031

ASTM A529 S78.2 CE (%) : 0.45

Mn/C Ratio : 6.68

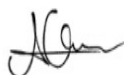
V + Nb (%) : 0.036

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	62900	82800	23.0
(2)	62400	83200	22.0

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