

Date: 8/1/2023 To: SENTRY SUPPLY dba SO#: A775646 Ln#: 3 PO#: P0243155 Part: F06208020* Qty: 2 Heat#: 1100042596*
 Tag: B13073123

NUCOR

Mill Certification
02/14/2023

MTR#: 1257969-4
 Lot #: 110004259660
 8812 HWY 79 W
 Jewett, TX 75846 US
 903 626-4461
 Fax: 903 626-6290

Customer PO	ssw132783	Sales Order #	11054782 - 44.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3017618
Grade	A529 Gr 55	Lot #	110004259660
Size	0.625" x 8"	Heat #	1100042596
BOL #	BOL-1351748	Load #	1257969
Description	Hot Roll - Merchant Bar Quality Flat 5/8" x 8" A529 Gr 55 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	12/30/2022	Qty Shipped LBS	10208
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: 12/28/2022

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.16	1.02	0.020	0.017	0.232	0.11	0.23	0.04	0.24	0.080	0.003

ASTM A529 S78.2 CE (%) : 0.46

Mn/C Ratio : 6.42

V + Nb (%) : 0.082

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	67200	83200	21.0
(2)	66200	83500	20.0

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