



Mill Certification

08/14/2021

MTR#:790906-5
Lot #:110002577560
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
4855 FANNETT RD
BEAUMONT, TX 77705 US

Customer PO	227043-6	Sales Order #	11035056 - 4.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3017844
Grade	A529 Gr 55	Lot #	110002577560
Size	0.75" x 6"	Heat #	1100025775
BOL #	BOL-893488	Load #	790906
Description	Hot Roll - Merchant Bar Quality Flat 3/4" x 6" A529 Gr 55 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	07/30/2021	Qty Shipped LBS	9800
Product Country Of Origin	United States	Qty Shipped EA	32
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: 07/28/2021

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.15	1.13	0.010	0.027	0.218	0.20	0.20	0.07	0.26	0.005	0.032

ASTM A529 S78.2 CE (%) : 0.47

Mn/C Ratio : 7.41

V + Nb (%) : 0.037

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	61300	84400	20.0
(2)	61500	83700	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.

Robert Fortson, Quality Assurance