



Mill Certification
07/15/2021

MTR#:758789-7
Lot #:110001595760
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	225672-11	Sales Order #	11033739 - 5.1
Product Group	Hot Roll - Merchant Bar Quality	Product #	3016953
Grade	A529 Gr 55	Lot #	110001595760
Size	0.375" x 12"	Heat #	1100015957
BOL #	BOL-865270	Load #	758789
Description	Hot Roll - Merchant Bar Quality UM Plate 3/8" x 12" A529 Gr 55 20' 0" [240"] 2001-6000 lbs	Customer Part #	
Production Date	09/30/2020	Qty Shipped LBS	4900
Product Country Of Origin	United States	Qty Shipped EA	16
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: 09/18/2020

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Ni (%)	Cr (%)	Mo (%)	Cu (%)	V (%)	Nb (%)
0.16	1.04	0.013	0.017	0.209	0.11	0.14	0.05	0.28	0.067	0.003

ASTM A529 S78.2 CE (%) : 0.45

ASTM A706 6.4 CE & ASTM F1554 CE (%) : 0.35

Mn/C Ratio : 6.45

V + Nb (%) : 0.070

Tensile testing

	Yield (PSI)	Tensile (PSI)	Elongation in 8" (%)
(1)	64400	81500	19.0
(2)	65300	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.

Robert Fortson, Quality Assurance