

Page 1 / 1

CERTIFIED MATERIAL TEST REPORT

GRADE GGMULTI	SHAPE / SIZE Flat Bar / 5/8 X 3	DOCUMENT ID: 0000541335
LENGTH 20'00"	WEIGHT 4,594 LB	HEAT / BATCH 63224396/04
SPECIFICATION / DATE or REVISION ASTM A529-19, A572-21 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13		
SALES ORDER 12786259/000030	CUSTOMER MATERIAL N°	DATE 05/16/2023
CUSTOMER PURCHASE ORDER NUMBER SSW134409	BILL OF LADING 1333-0000215800	

GO GERDAU
 US-ML-JACKSON TN
 801 GERDAU AMERISTEEL ROAD
 JACKSON, TN 38305
 USA

CHEMICAL COMPOSITION

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Al (%)	CEq (%)	Sn (%)
0.14	0.75	0.013	0.029	0.19	0.28	0.10	0.18	0.026	0.002	0.006	0.000	0.36	0.020

MECHANICAL PROPERTIES


Elong. (%)	G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
26.00	8.000	200.0	75895	523	53750	371
27.00	8.000	200.0	76168	525	55573	383


GEOMETRIC CHARACTERISTICS
 R/R
 14.58

COMMENTS / NOTES

This grade meets the requirements for the following grades:
 ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
 CSA Grades: 44W; 50W
 AASHTO Grades: M270-36; M270-50
 ASME Grades: SA36

The above figures are certified chemical and physical test records as contained in the permanent records of the company. We certify that these data are correct and in compliance with specified requirements. No weld repair was performed on this material. The material has not been in contact with mercury while in Gerdau possession. For all products other than billets or beam blanks, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.


 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR


 BEN LOVELL
 QUALITY ASSURANCE MGR.

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com
 Phone: (731) 423-5213 Email: benjamin.lovell@gerdau.com