



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

**CERTIFIED MATERIAL TEST REPORT**

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE GGMULTI	SHAPE / SIZE Flat Bar / 5/8 X 3	DOCUMENT ID: 0000693547
SALES ORDER 14927831/000070		CUSTOMER MATERIAL N°		LENGTH 20'00"	WEIGHT 4,594 LB	HEAT / BATCH 63250844/02
CUSTOMER PURCHASE ORDER NUMBER SSW150745		BILL OF LADING 1333-0000256161		DATE 04/14/2025		
SPECIFICATION / DATE or REVISION ASTM A529-19, A572-21E1 ASTM A6-24A, A36-19, ASME SA36 ASTM A709-21, AASHTO M270-20 CSA G40.20-13/G40.21-13 (R23)						

CHEMICAL COMPOSITION														
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Al (%)	CEqvA529 (%)	CEqvA6 (%)	Sn (%)
0.13	0.69	0.015	0.044	0.21	0.31	0.11	0.22	0.040	0.004	0.006	0.001	0.36		0.019

MECHANICAL PROPERTIES							
Elong. (%)	G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	
28.00	8.000	200.0	72476	500	52892	365	
27.00	8.000	200.0	72375	499	51860	358	

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

Gerdaus steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit [www2.gerdau.com/metals-recycling](http://www2.gerdau.com/metals-recycling), or contact [metalsrecycling@gerdau.com](mailto:metalsrecycling@gerdau.com).

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 Gerdaus possession. For all products other than billets or beam blanks, this material was Melted & Poured (via Electric Arc Furnace and Continuous Caster) and produced (Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was Melted & Poured (via Electric Arc Furnace and Continuous Caster) in the USA. CMTR complies with EN 10204 3.1.

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