



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

CUSTOMER SHIP TO
COLUMBIA W WAKESHALL AVE
LONGVIEW, TX 75604-4817
USA

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO COLUMBIA W WAKESHALL AVE LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO MANHATTAN, KS 66505-1688 USA		GRADE GGMULTI	SHAPE / SIZE Flat Bar / 1/4 X 4	DOCUMENT ID: 0000648956
SALES ORDER 14406103/000020		CUSTOMER MATERIAL N° 00000000010840020		LENGTH 20'00"	WEIGHT 29.376 LB	HEAT / BATCH 63242738/02
BILL OF LADING 1333-0000245167		DATE 09/30/2024		SPECIFICATION / DATE OF 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)		

CUSTOMER PURCHASE ORDER NUMBER
G450044868

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	V (%)	Nb (%)	Al (%)	CE _{eq} AS29 (%)	Sn (%)
C (%)	0.12	0.68	0.014	0.18	0.29	0.09	0.20	0.030	0.003	0.006	0.060	0.34	0.010

MECHANICAL PROPERTIES		G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)	29.00	200.0	72807	502	54942	379
	30.00	200.0	73165	504	55377	382

GEOMETRIC CHARACTERISTICS
R/R
34.76

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

Gerdaul's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www2.gerdau.com/metals-recycling, or contact 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 Gerdaul 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.

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