



GERDAU

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

CERTIFIED MATERIAL TEST REPORT

GRADE		SHAPE / SIZE		DOCUMENT ID:
GCMULTI		Flat Bar / 1/4 X 6		0000397027
LENGTH		WEIGHT		HEAT / BATCH
20'00"		24,480 LB		63212886/03
SPECIFICATION / DATE or REVISION				
ASTM A529-14, A572-18 ASTM A6-17, A36-14, ASME SA-36 ASTM A799-18, AASHTO M270-15 CSA G40.20-13/G40.21-13				
DATE	08/26/2021			

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CE _{97.5} (%)
C (%)	0.14	0.76	0.013	0.23	0.30	0.08	0.14	0.023	0.008	0.003	0.007	0.000	0.37

MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	UTS (MPa)	G/L (Inches)	G/L (mm)	Elong. (%)
YS (PSI)	57841	74863	399	516	8,000	200.0	30.00
	58921	75477	406	520	8,000	200.0	31.00

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

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

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. This material, including the bills, was produced (Electric Arc Furnace melted, Continuously cast, and/or Hot rolled) in the USA. CMTR complies with EN 10204 3.1.

Maskey

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Heat: 63212886
Shipment: 0021040918

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