



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

CERTIFIED MATERIAL TEST REPORT

8415 CLINTON DR
 HOUSTON, TX 77029-3613
 USA

8415 CLINTON DRIVE
 HOUSTON, TX 77029
 USA

SALES ORDER
 12787270/000010

CUSTOMER MATERIAL N°

GRADE
 GGMULTI

SHAPE / SIZE
 Flat Bar / 5/16 X 5

LENGTH
 20'00"

WEIGHT
 9,790 LB

HEAT / BATCH
 63230667/04

DOCUMENT ID:
 0000526093

CUSTOMER PURCHASE ORDER NUMBER
 SSW134429

BILL OF LADING
 1333-0090211666

DATE
 03/17/2023

SPECIFICATION / DATE OF 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

CHEMICAL COMPOSITION

C (%)	0.15	Mn (%)	0.73	P (%)	0.014	S (%)	0.014	Si (%)	0.20	Cu (%)	0.35	Ni (%)	0.11	Cr (%)	0.16	Mo (%)	0.029	V (%)	0.003
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Nb (%)	0.009	Al (%)	0.001	CE _{eq} (%)	0.37	Sn (%)	0.013
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YS (MPa)	60746	YS (PSI)	61742
	419		426

MECHANICAL PROPERTIES

Elong. (%)	26.00	G/L (Inches)	8.000	G/L (mm)	200.0	UTS (MPa)	544
	27.00		8.000		200.0		545

UTS (PSI)	78837	UTS (MPa)	544
	79073		545

GEOMETRIC CHARACTERISTICS

R:R
 22.21

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.

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