

CERTIFIED MATERIAL TEST REPORT

US-ML-JACKSON TN 801 GERDAU AMERISTEEL ROAD JACKSON, TN 38305 USA		GRADE GGMULTI		SHAPE / SIZE Channel / 4 X 7.25#	DOCUMENT ID: 0000528041
SALES ORDER 12775812/000010		MANHATTAN, KS 66505-1688 USA		LENGTH 20'00"	WEIGHT 4,350 LB
CUSTOMER PURCHASE ORDER NUMBER 4500547740		CUSTOMER MATERIAL N° 00000000025472520		HEAT / BATCH 63230317/02	
BILL OF LADING 1333-0000212182		DATE 03/24/2023		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		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Al (%)	CEq _{AS29} (%)	Sn (%)
C (%)	0.13	0.71	0.016	0.022	0.19	0.10	0.17	0.030	0.003	0.007	0.001	0.34	0.013
MECHANICAL PROPERTIES		G/L (Inches)		G/L (mm)		UTS (PSI)		UTS (MPa)		YS (PSI)		YS (MPa)	
Elong. (%)	31.00	8.000	8.000	200.0	200.0	76319	76434	526	527	53726	370	369	
	30.00												

GEOMETRIC CHARACTERISTICS
R:R
14.30

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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