



CERTIFIED MATERIAL TEST REPORT

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

Table with 4 columns: GRADE (GGMULTI), SHAPE / SIZE (Flat Bar / 3/4 X 3), DOCUMENT ID (0000424544), LENGTH (20'00"), WEIGHT (39,168 LB), HEAT / BATCH (63214525/02), SALES ORDER (11370413/000010), CUSTOMER MATERIAL N° (00000000102430020), SPECIFICATION / DATE or REVISION (ASTM A529-14, A572-15, etc.), CUSTOMER PURCHASE ORDER NUMBER (G450036860), BILL OF LADING (1333-0000184569), DATE (12/29/2021)

CHEMICAL COMPOSITION table with columns: C (%), Mn (%), P (%), S (%), Si (%), Cu (%), Ni (%), Cr (%), Mo(%), V (%), Nb (%), Al (%), CEq, A529 (%), Sn (%). Values: C 0.14, Mn 0.73, P 0.014, S 0.023, Si 0.24, Cu 0.31, Ni 0.12, Cr 0.17, Mo 0.030, V 0.002, Nb 0.013, Al 0.001, CEq 0.38, Sn 0.010

MECHANICAL PROPERTIES table with columns: Elong. (%), G/L (Inches), G/L (mm), UTS (PSI), UTS (MPa), YS (PSI), YS (MPa). Values: Elong 27.00, 26.00; G/L 8.000, 8.000; G/L 200.0, 200.0; UTS 78884, 78612; UTS 544, 542; YS 55530, 55288; YS 383, 381

GEOMETRIC CHARACTERISTICS table with R:R value of 12.16

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

Bhaskar Yalamanchili
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Ben Lovell
BEN LOVELL
QUALITY ASSURANCE MGR.

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Phone: (731) 423-5213 Email: benjamin.lovell@gerdau.com