



CERTIFIED MATERIAL TEST REPORT

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

Table with 4 columns: GRADE (GGMULTI), SHAPE / SIZE (Angle / 5X3X1/4), DOCUMENT ID: (0000382190), LENGTH (20'00"), WEIGHT (35,640 LB), HEAT / BATCH (63211947/04), SPECIFICATION / DATE or REVISION (ASTM A529-14, A572-15, etc.)

Table with 3 columns: CUSTOMER PURCHASE ORDER NUMBER (4500509132), BILL OF LADING (1333-0000173084), DATE (06/26/2021)

CHEMICAL COMPOSITION table with columns: C (%), Mn (%), P (%), S (%), Si (%), Cu (%), Ni (%), Cr (%), Mo(%), V (%), Nb (%), Al (%), CEq(A529 (%)), Sn (%). Values: 0.15, 0.69, 0.014, 0.021, 0.20, 0.31, 0.10, 0.14, 0.027, 0.003, 0.006, 0.001, 0.36, 0.010

MECHANICAL PROPERTIES table with columns: Elong. (%), G/L (Inches), G/L (mm), UTS (PSI), UTS (MPa), YS (PSI), YS (MPa). Values: 32.00, 8.000, 200.0, 74394, 513, 55002, 379; 32.00, 8.000, 200.0, 74453, 513, 55753, 384

GEOMETRIC CHARACTERISTICS table with column: R:R. Value: 17.91

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.

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