



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 / 4X3 1/2X3/8), DOCUMENT ID: (0000585187), LENGTH (20'00"), WEIGHT (4,550 LB), HEAT / BATCH (63233065/05), SALES ORDER (13565661/000010), CUSTOMER MATERIAL N° (00000504003161220), SPECIFICATION / DATE or REVISION (ASTM A529-14, A572-15, etc.), CUSTOMER PURCHASE ORDER NUMBER (4500564060), BILL OF LADING (1333-0000228150), DATE (11/28/2023)

CHEMICAL COMPOSITION table with columns: C (%), Mn (%), P (%), S (%), Si (%), Cu (%), Ni (%), Cr (%), Mo(%), V (%), Nb (%), Al (%), CEq(A529 (%)), Sn (%). Values: 0.12, 0.70, 0.013, 0.024, 0.18, 0.30, 0.10, 0.16, 0.030, 0.003, 0.007, 0.000, 0.33, 0.012

MECHANICAL PROPERTIES table with columns: Elong. (%), G/L (Inches), G/L (mm), UTS (PSI), UTS (MPa), YS (PSI), YS (MPa). Values: 28.00, 8.000, 200.0, 73067, 504, 55382, 382; 30.00, 8.000, 200.0, 72918, 503, 55310, 381

GEOMETRIC CHARACTERISTICS table with columns: R:R. Value: 11.39

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
Gerdaul's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www2.gerdau.com/metals-recycling, or contact metalsrecycling@gerdau.com.

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 Gerdaul 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.

Bhaskar Yalamanchili
BHASKAR YALAMANCHILI
QUALITY DIRECTOR
Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Ben Lovell
BEN LOVELL
QUALITY ASSURANCE MGR.
Phone: (731) 423-5213 Email: benjamin.lovell@gerdau.com