



CERTIFIED MATERIAL TEST REPORT

US-ML-WILTON
1500-2500 WEST 3RD STREET
WILTON, IA 52778
USA

Table with 4 columns: GRADE (GGMULTI), SHAPE / SIZE (Angle / 1 1/2X1 1/2X1/4), DOCUMENT ID: (0000104306), LENGTH (20'00"), WEIGHT (14,601 LB), HEAT / BATCH (64067902/02), SPECIFICATION / DATE or REVISION (ASTM A529-14, A572-15, ASTM A6-17, A36-14, ASME SA-36, ASTM A709-17, AASHTO M270-15, CSA G40.20-13/G40.21-13)

Table with 3 columns: CUSTOMER PURCHASE ORDER NUMBER (G450035647), BILL OF LADING (1334-0000074893), DATE (07/14/2021)

Table with 13 columns: CHEMICAL COMPOSITION (C (%), Mn (%), P (%), S (%), Si (%), Cu (%), Ni (%), Cr (%), Mo(%), V (%), Nb (%), Sn (%)) and values (0.14, 0.55, 0.013, 0.053, 0.19, 0.27, 0.16, 0.19, 0.037, 0.013, 0.009, 0.010)

Table with 7 columns: MECHANICAL PROPERTIES (Elong. (%), G/L (Inches), UTS (PSI), UTS (MPa), YS (PSI), YS (MPa)) and values (23.80, 8.000, 77214, 532, 60682, 418, 22.50, 8.000, 78173, 539, 61631, 425)

Table with 1 column: GEOMETRIC CHARACTERISTICS (R:R) and value (44.73)

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

Daniel K Wells
DANIEL K WELLS
QUALITY ASSURANCE MGR.