



CERTIFIED MATERIAL TEST REPORT

US-ML-CHARLOTTE
6601 LAKEVIEW ROAD
CHARLOTTE, NC 28269
USA

SALES ORDER
12620299/000020

CUSTOMER MATERIAL N°
00000000101210820

GRADE
GGMULTI

SHAPE / SIZE
Flat Bar / 3/8 X 1 1/4

DOCUMENT ID:
0000157110

LENGTH
20'00"

WEIGHT
4,782 LB

HEAT / BATCH
54195720/02

SPECIFICATION / DATE or REVISION
ASME SA36, ASTM A529-14
ASTM A6-17, A36-14, A572-15
ASTM A709-18, AASHTO M270-15
CSA G40.20-13/G40.21-13

CUSTOMER PURCHASE ORDER NUMBER
4500544484

BILL OF LADING
1321-0000109351

DATE
03/06/2023

Table with 11 columns: CHEMICAL COMPOSITION, C (%), Mn (%), P (%), S (%), Si (%), Cu (%), Ni (%), Cr (%), Mo(%), V (%), Nb (%). Values: 0.10, 0.64, 0.010, 0.034, 0.16, 0.39, 0.16, 0.15, 0.030, 0.003, 0.009

Table with 6 columns: MECHANICAL PROPERTIES, Elong. (%), G/L (Inches), UTS (PSI), UTS (MPa), YS (PSI), YS (MPa). Values: 25.00, 8.000, 71108, 490, 53901, 372; 25.00, 8.000, 71272, 491, 54100, 373

GEOMETRIC CHARACTERISTICS
R:R
53.00

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 Gerdaу 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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