



GERDAU

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

SALES ORDER
12680746/000090

CUSTOMER MATERIAL N°

GRADE
GCMULTI
SHAPE / SIZE
Flat Bar / 1/4 X 1 3/4
DOCUMENT ID:
0000142291

LENGTH
20'00"
WEIGHT
5,000 LB
HEAT / BATCH
64072363/02

CUSTOMER PURCHASE ORDER NUMBER
SSW133611

BILL OF LADING
1334-0000089164

DATE
03/06/2023

SPECIFICATION / DATE OF REVISION
ASTM A529-14, A572-15
ASTM A6-17, A36-14, ASME SA-36
ASTM A709-18, AASHTO M270-15
CSA G40.20-13/G40.21-13

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Sn (%)		
C (%)	Mn (%)	0.15	0.64	0.012	0.046	0.18	0.19	0.08	0.16	0.024	0.020	0.005	0.009

MECHANICAL PROPERTIES		G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)		27.50	75094	518	57675	398
		25.00	75325	519	58078	400

GEOMETRIC CHARACTERISTICS
R-R
70.34

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 Gerdau 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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