

CERTIFIED MATERIAL TEST REPORT



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

MANHATTAN,KS 66505-1688 USA		GRADE GGMULTI	SHAPE / SIZE Flat Bar / 1/4 X 1 1/4	DOCUMENT ID: 0000152656
SALES ORDER 13214570/000010		CUSTOMER MATERIAL N° 00000000010810820	LENGTH 20'00"	WEIGHT 4,890 LB
BILL OF LADING 1334-0000092668		DATE 08/02/2023	SPECIFICATION / DATE or REVISION ASME SA36 ASTM A6-14, A36-14 ASTM A709-18, AASHTO M270-12 CSA G40.20-13/G40.21-13	
CUSTOMER PURCHASE ORDER NUMBER 4500556100				

CHEMICAL COMPOSITION											
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Sn (%)
0.14	0.60	0.017	0.027	0.21	0.29	0.14	0.20	0.050	0.013	0.005	0.010

MECHANICAL PROPERTIES					
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
22.50	8.000	72367	499	57454	396
21.30	8.000	72933	503	58274	402

GEOMETRIC CHARACTERISTICS	
R.R	
98.46	

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

Gerdau'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 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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