

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO ST 47 LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO MANHATTAN, KS 66505-1688 USA		GRADE GGMULTI	SHAPE / SIZE Flat Bar / 5/16 X 4	DOCUMENT ID: 0000158655
SALES ORDER 13494155:000010		CUSTOMER MATERIAL N° 000000000101040020		LENGTH 20'00"	WEIGHT 4,853 LB	HEAT / BATCH 64074341/04
CUSTOMER PURCHASE ORDER NUMBER EG00007552			BILL OF LADING 1334-0000094785	DATE 10/30/2023		

SPECIFICATION / DATE or 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											
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Sn (%)
0.14	0.60	0.015	0.040	0.25	0.23	0.13	0.25	0.038	0.015	0.006	0.010

MECHANICAL PROPERTIES		G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)		8.000	74565	514	58205	401
		30.00	74155	511	58186	401

GEOMETRIC CHARACTERISTICS
R R
24.59

COMMENTS, NOTES

This grade meets the requirements for the following grades:
ASTM Grades: A36, A529-50, A572-50, A709-56, A709-50
CSA Grades: 44W, 50W
AASHTO Grades: M270-56, 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.

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