

CERTIFIED MATERIAL TEST REPORT

DOCUMENT ID: 0000196719	SHAPE / SIZE Flat Bar / 5/8 X 1	GRADE GGMULT1
HEAT / BATCH 55078878/02	WEIGHT 5,112 LB	LENGTH 20'00"
SPECIFICATION / DATE or REVISION ASME SA36, ASTM A529-14 ASTM A6-19, A36-19, A572-21 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13		

CU 1003 FOR I GIBSON RD CATOOSA, OK 74015-3033 USA	MANHATTAN, KS 66505-1688 USA
SALES ORDER 12462603/000010	CUSTOMER MATERIAL N° 000000000102010020
BILL OF LADING 1301-0000060928	DATE 12/12/2022

GO GERDAU
 CA-ML-CAMBRIDGE
 160 ORION PLACE
 CAMBRIDGE, ON N1T 1R9
 Canada

CUSTOMER PURCHASE ORDER NUMBER
 4500541491

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	N (%)	CEqvA6 (%)	Sn (%)
C (%)	0.16	0.013	0.019	0.20	0.37	0.16	0.14	0.036	0.025	0.000	0.0120	0.37	0.012

MECHANICAL PROPERTIES		UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)	24.50	77120	532	57756	398
	23.50	76701	529	57644	397

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. This material was produced (Hot Rolled) in Canada from billets melted(Electric Arc Furnace Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.

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