

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO HOUSTON, TX 77029-3613 USA		CUSTOMER BILL TO L.P. HOUSTON, TX 77029 USA		GRADE GCMULTI	SHAPE / SIZE Flat Bar / 1/2 X 2	DOCUMENT ID: 0000161674
SALES ORDER 12966646/000010		CUSTOMER MATERIAL N°		LENGTH 20'00"	WEIGHT 13,464 LB	HEAT / BATCH 54196702/02
CUSTOMER PURCHASE ORDER NUMBER SSW135713		DATE 05/18/2023		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		
BILL OF LADING 1321-0000111474		US-ML-CHARLOTTE 6601 LAKEVIEW ROAD CHARLOTTE, NC 28269 USA				



CHEMICAL COMPOSITION		C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)
0.16	0.67	0.009	0.024	0.21	0.34	0.11	0.12	0.060	0.002	0.010		

MECHANICAL PROPERTIES		Elong (%)	G/L (Inches)	UTS (MPa)	YS (MPa)
25.00	8.000	75238	519	54091	373
23.80	8.000	73363	520	53971	372

GEOMETRIC CHARACTERISTICS
R.R 25.00

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 mechanical 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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Date: 10/31/2023 To: SENTRY SUPPLY dba SO#: A790232 LN#: 1 PO#: PL245210-1 Part: F05002020* Qty: 131
 Heat#: 54196702* Tag: B01103123