


From: Service Steel Warehouse Date: 3/22/2023 To: SENTRY SUPPLY dba SO#: A756132 Ln#: 1
 PO#: P0240226-01 Part: F20008020* Qty: 1 Heat#: 55076593* Tag: B16032123

CERTIFIED MATERIAL TEST REPORT

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 <p>GERDAU US-ML-CARTERSVILLE 384 OLD GRASSDALE ROAD NE CARTERSVILLE, GA 30121 USA</p>	GRADE GGMULTI		SHAPE / SIZE Flat Bar / 2 X 8		DOCUMENT ID: 0000498516
	LENGTH 20'00"		WEIGHT 4,352 LB		HEAT / BATCH 55076593/03
SALES ORDER 11758540/000260		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			
CUSTOMER PURCHASE ORDER NUMBER SSW127096		BILL OF LADING 1323-0000206317		CUSTOMER MATERIAL N° DATE 04/23/2022	

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
C (%)	0.11	0.91	0.014	0.015	0.19	0.11	0.12	0.028	0.010	0.055	0.001	0.33

MECHANICAL PROPERTIES		YS (MPa)	UTS (MPa)	G/L (Inches)	Elong. (%)
YS 0.2% (PSI)	54000	372	510	2.000	30.00
55000	75500	379	521	2.000	31.00

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 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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