



CERTIFIED MATERIAL TEST REPORT

US-ML-CARTERSVILLE
 384 OLD GRASSDALE ROAD NE
 CARTERSVILLE, GA 30121
 USA

		GRADE GGMULTI	SHAPE / SIZE Flat Bar / 3/4 X 8	DOCUMENT ID: 0000559651
		LENGTH 20'00"	WEIGHT 8,984 LB	HEAT / BATCH 55081514/02
SALES ORDER 12372790/000020		CUSTOMER MATERIAL N° 00000000102480020		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
CUSTOMER PURCHASE ORDER NUMBER 4500539641	BILL OF LADING 1323-0000223634	DATE 11/29/2022		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)	
0.12	0.93	0.017	0.033	0.20	0.30	0.12	0.15	0.032	0.010	0.001	0.020	0.34	

MECHANICAL PROPERTIES						
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	G/L (Inches)	Elong. (%)	
56000	75000	386	517	8.000	27.50	
56100	74900	387	516	8.000	27.50	


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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