



**CERTIFIED MATERIAL TEST REPORT**

US-ML-MIDLOTHIAN  
300 WARD ROAD  
MIDLOTHIAN, TX 76065  
USA

SALES ORDER 11950857/000020		CUSTOMER MATERIAL N°		GRADE GGMULTI	SHAPE / SIZE Round Bar / 1 1/2"	DOCUMENT ID: 0000842202
				LENGTH 20'00"	WEIGHT 17,304 LB	HEAT / BATCH 58052932/05
SPECIFICATION / DATE of REVISION ASME SA36, ASTM A529-14 ASTM A6-19, A36-19, A572-21 CSA G40.20-13/G40.21-13						
CUSTOMER PURCHASE ORDER NUMBER SSW128560	BILL OF LADING 1327-0000496525	DATE 10/14/2022				

CHEMICAL COMPOSITION															
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)	CEqvA529 (%)	
0.14	0.63	0.010	0.020	0.25	0.28	0.09	0.19	0.021	0.003	0.033	0.000	0.001	0.32	0.36	

MECHANICAL PROPERTIES							
YS (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	G/L (Inches)	G/L (mm)	Elong. (%)	
53784	73412	371	506	8.000	200.0	30.80	
52654	71346	363	492	8.000	200.0	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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