



CERTIFIED MATERIAL TEST REPORT

US-ML-WILTON
 1500-2500 WEST 3RD STREET
 WILTON, IA 52778
 USA

		GRADE GGMULTI	SHAPE / SIZE Flat Bar / 3/8 X 5	DOCUMENT ID: 0000110548
		LENGTH 20'00"	WEIGHT 24,225 LB	HEAT / BATCH 64069009/02
SALES ORDER 10889379/000010		CUSTOMER MATERIAL N° 00000000101250020		SPECIFICATION / DATE or REVISION ASTM A529-19, A572-21 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 4500515561	BILL OF LADING 1334-0000077422	DATE 10/20/2021		

CHEMICAL COMPOSITION											
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Sn (%)
0.10	0.53	0.010	0.046	0.28	0.31	0.28	0.18	0.054	0.028	0.006	0.013

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	
26.30	8.000	66950	462	53242	367	
26.30	8.000	66831	461	53032	366	

GEOMETRIC CHARACTERISTICS	
R:R	
16.42	

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

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

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, including the billets, was produced (Electric Arc Furnace melted, Continuously cast, and/or Hot rolled) in the USA. CMTR complies with EN 10204 3.1.

Bhaskar
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Daniel Wells
 DANIEL K WELLS
 QUALITY ASSURANCE MGR.