



CERTIFIED MATERIAL TEST REPORT

US-ML-CHARLOTTE
6601 LAKEVIEW ROAD
CHARLOTTE, NC 28269
USA

		GRADE GGMULTI	SHAPE / SIZE Square Bar / 3/4"	DOCUMENT ID: 0000123946
		LENGTH 20'00"	WEIGHT 9,636 LB	HEAT / BATCH 54184192/02
SALES ORDER 10957330/000010		CUSTOMER MATERIAL N° 00000000000852420		SPECIFICATION / DATE or REVISION ASME SA36, ASTM A529-14 ASTM A6-17, A36-14, A572-15 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13
CUSTOMER PURCHASE ORDER NUMBER 4500515094	BILL OF LADING 1321-0000092545	DATE 10/04/2021		

CHEMICAL COMPOSITION										
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)
0.16	0.69	0.017	0.031	0.20	0.42	0.16	0.14	0.030	0.002	0.007

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	
25.00	8.000	78395	541	55505	383	
26.30	8.000	78235	539	56133	387	

GEOMETRIC CHARACTERISTICS
R:R
44.00

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

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.

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