



CERTIFIED MATERIAL TEST REPORT

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

		GRADE GGMULTI	SHAPE / SIZE Flat Bar / 3/4 X 1 1/4	DOCUMENT ID: 0000139770
		LENGTH 20'00"	WEIGHT 4,463 LB	HEAT / BATCH 63224144/02
SALES ORDER 12511315/000140		CUSTOMER MATERIAL N°		
CUSTOMER PURCHASE ORDER NUMBER SSW132439		BILL OF LADING 1334-0000088322	DATE 02/02/2023	SPECIFICATION / DATE or REVISION ASME SA36, ASTM A529-14 ASTM A6-19, A36-19, A572-21 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13

CHEMICAL COMPOSITION												
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Al (%)	Sn (%)
0.14	0.70	0.010	0.030	0.18	0.34	0.10	0.24	0.030	0.014	0.002	0.000	0.016

MECHANICAL PROPERTIES					
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
25.00	8.000	74447	513	52422	361
26.30	8.000	74437	513	51978	358

GEOMETRIC CHARACTERISTICS
R:R
32.83

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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From: Service Steel Warehouse Date: 2/8/2023 To: SENTRY SUPPLY dba SO#: A748301 Ln#: 1
PO#: P0238910-08 Part: F07501220* Qty: 8 Heat#: 63224144* Tag: B12020723