



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

		GRADE GGMULTI	SHAPE / SIZE Flat Bar / 5/8 X 1 1/2	DOCUMENT ID: 0000142845
		LENGTH 20'00"	WEIGHT 4,591 LB	HEAT / BATCH 64072844/03
SALES ORDER 12477047/000040	CUSTOMER MATERIAL N°		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	
CUSTOMER PURCHASE ORDER NUMBER SSW132190	BILL OF LADING 1334-0000089350	DATE 03/13/2023		

CHEMICAL COMPOSITION											
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Sn (%)
0.16	0.58	0.012	0.033	0.22	0.24	0.10	0.18	0.026	0.020	0.010	0.009


MECHANICAL PROPERTIES					
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
23.80	8.000	73060	504	56084	387
23.80	8.000	74230	512	57569	397

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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Date: 9/7/2023 To: SENTRY SUPPLY dba SO#: A781237 Ln#: 1 PO#: P0243916-01 Part: F06201520* Qty: 4
 Heat#: 64072844* Tag: T21090623