

Date: 1/5/2024 To: SENTRY SUPPLY dba SO#: A799676 Ln#: 1 PO#: PO246357-15 Part: F12502020* Qty: 2 Heat#: 64073711*
 Tag: T01010524



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO SENTRY SUPPLY dba HOUSTON, TX 77029-3613 USA		CUSTOMER BILL TO SENTRY SUPPLY dba HOUSTON, TX 77029 USA		GRADE GGMULTI	SHAPE / SIZE Flat Bar / 1 1/4 X 2	DOCUMENT ID: 0000152461
SALES ORDER 12932161/000080		CUSTOMER MATERIAL N°		LENGTH 20'00"	WEIGHT 4,080 LB	HEAT / BATCH 64073711/04
CUSTOMER PURCHASE ORDER NUMBER SSW135519		BILL OF LADING 1334-0000092605		SPECIFICATION / DATE OF REVISION ASTM A529-14, A572-15 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13		

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Sn (%)
C (%)	0.16	0.73	0.011	0.024	0.20	0.13	0.17	0.036	0.022	0.010	0.009

MECHANICAL PROPERTIES		UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)	21.30	78043	538	57180	394
G/L (Inches)	8.000	78568	542	58301	402

GEOMETRIC CHARACTERISTICS
 R:R
 12.31

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

Gerda's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www2.gerdau.com/metals-recycling, or contact metalsrecycling@gerdau.com.

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 Gerda's 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.

Bhaskar
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 QUALITY DIRECTOR

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