

CERTIFIED MATERIAL TEST REPORT

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DOCUMENT ID: 0000139769		SHAPE / SIZE Flat Bar / 1/2 X 1 3/4	GRADE GGMULTI
HEAT / BATCH 64072333/05		WEIGHT 4.998 LB	LENGTH 20'00"
SPECIFICATION / DATE OF 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			
SALES ORDER 12304097/000090		CUSTOMER MATERIAL N°	
BILL OF LADING 1334-000088322		DATE 02/02/2023	
USA			

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

CUSTOMER PURCHASE ORDER NUMBER
SSW131109

CHEMICAL COMPOSITION	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Sn (%)		
C (%)	0.15	0.61	0.014	0.023	0.22	0.33	0.15	0.18	0.047	0.024	0.005	0.013

MECHANICAL PROPERTIES	UTS (MPa)	YS (PSI)	UTS (MPa)	YS (PSI)
Elong. (%)	23.80	78112	539	382
C/L (Inches)	8.000	78292	540	416

GEOMETRIC CHARACTERISTICS
 R:R
 35.18

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 Gerdaus 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.

Mackay
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