

CERTIFIED MATERIAL TEST REPORT

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 DOCUMENT ID:  
 0000500320

SHAPE / SIZE  
 Flat Bar / 1 1/4 X 3

WEIGHT  
 4.080 LB

HEAT / BATCH  
 63222721/03

GRADE  
 GGMULTI

LENGTH  
 20'00"

CEq(A)  
 0.39

LENGTH  
 20'00"

WEIGHT  
 4.080 LB

HEAT / BATCH  
 63222721/03

SPECIFICATION / DATE or REVISION  
 ASTM A529-19, A572-21  
 ASTM A6-17, A36-14, ASME SA-36  
 ASTM A709-18, AASHTO M270-15  
 CSA G40.20-13/G40.21-13

CUSTOMER MATERIAL N°  
 SALES ORDER  
 12437895/000030

CUSTOMER PURCHASE ORDER NUMBER  
 SSW131975

BILL OF LADING  
 1333-0000204911

DATE  
 11/19/2022

CHEMICAL COMPOSITION		C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	Al	CEq(A)	Sn
0.15	0.77	0.015	0.033	0.22	0.36	0.10	0.20	0.030	0.003	0.001	0.009	0.001	0.001	0.39	0.012

MECHANICAL PROPERTIES		G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)	25.00	8.000	200.0	74649	515	52079	359
R.R	26.00	8.000	200.0	75031	517	52428	361

GEOMETRIC CHARACTERISTICS  
 R.R  
 7.29

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.

*Bhaskar*  
 BHASKAR YALAMANCHILI  
 QUALITY DIRECTOR

*Ben Lovell*  
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US-ML-JACKSON TN  
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 USA

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SALES ORDER 12437895/000030		CUSTOMER MATERIAL N°	
BILL OF LADING 1333-0000204911		DATE 11/19/2022	
CUSTOMER PURCHASE ORDER NUMBER SSW131975		SPECIFICATION / DATE of REVISION ASTM A529-19, A572-21 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13	
GRADE GGMULTI		SHAPE / SIZE Flat Bar / 1 1/4 X 3	
LENGTH 20'00"		WEIGHT 4,080 LB	
DOCUMENT ID: 0000500320		HEAT / BATCH 63222721/03	

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