

CERTIFIED MATERIAL TEST REPORT

DOCUMENT ID: 0000551543		SIIAPE / SIZE Flat Bar / 1 1/2 X 8	
GRADE GGMULTI		HEAT / BATCH 55070442/06	
LENGTH 20'00"		WEIGHT 4,083 LB	
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			
SALES ORDER 12379101/000010		CUSTOMER MATERIAL N° 000000001011680020	
BILL. OF LADING 1323-0000221292		DATE 11/01/2022	
401 NEW CENTURY PKWY NEW CENTURY, KS 66031-1127 USA		MANHATTAN, KS 66505-1688 USA	



US-ML-CARTERSVILLE
384 OLD GRASSDALE ROAD NE
CARTERSVILLE, GA 30121
USA

CUSTOMER PURCHASE ORDER NUMBER
4500539746

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
C (%)	0.12	0.91	0.014	0.019	0.21	0.31	0.12	0.037	0.011	0.052	0.002	0.35

MECHANICAL PROPERTIES		YS (MPa)	UTS (MPa)	G/L (Inches)	Elong. (%)
YS 0.2% (PSI)	79000	396	545	2.000	30.00
	57500	393	545	2.000	30.00
	57000				

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.

Blaskar
BHASKAR YALAMANCHILU
QUALITY DIRECTOR

YAN WANG
QUALITY ASSURANCE MGR.

Phone: (409) 267-1071 Email: Blaskar.Yalamanchilu@gerdau.com

Phone: (770) 387 5718

Email: yan.wang@gerdau.com