



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

CERTIFIED MATERIAL TEST REPORT

		GRADE GGMULTI	SHAPE / SIZE Angle / 8X8X1	DOCUMENT ID: 0000536252
		LENGTH 40'00"	WEIGHT 12,240 LB	HEAT / BATCH 55080752/02
SALES ORDER 12196706/000040		CUSTOMER MATERIAL N°		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 PURCHASE ORDER NUMBER SSW130323	BILL OF LADING 1323-0000216563	DATE 09/08/2022		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	N (%)	CEqvA6 (%)	Sn (%)
0.09	0.99	0.013	0.020	0.25	0.30	0.15	0.18	0.047	0.002	0.028	0.0099	0.33	0.010

MECHANICAL PROPERTIES					
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)
23.30	8.000	76400	527	53400	368
22.00	8.000	77000	531	54800	378

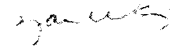
COMMENTS / NOTES

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.

  
 BHASKAR YALAMANCHILI  
 QUALITY DIRECTOR

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

  
 YAN WANG  
 QUALITY ASSURANCE MGR.

Phone: (770) 387 5718 Email: yan.wang@gerdau.com