



CERTIFIED MATERIAL TEST REPORT

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

SALES ORDER
 13365438/000010

CUSTOMER MATERIAL N°
 000000002510153040

GRADE GGMULTI	SHAPE / SIZE Channel / 10 X 15.3#	DOCUMENT ID: 0000647652
LENGTH 40'00"	WEIGHT 39,168 LB	HEAT / BATCH 55088159/02
SPECIFICATION / DATE or 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		

CUSTOMER PURCHASE ORDER NUMBER 4500559166	BILL OF LADING 1323-0000248987	DATE 10/17/2023
--	-----------------------------------	--------------------

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	N (%)	CEqvA6 (%)	Sn (%)
0.11	0.88	0.018	0.024	0.19	0.30	0.12	0.19	0.034	0.001	0.009	0.0093	0.33	0.011

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)	
25.20	8.000	71900	496	51200	353	
24.80	8.000	72300	499	51700	357	

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

Gerdau'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 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