

**CERTIFIED MATERIAL TEST REPORT**



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

CUSTOMER SHIP TO S 4 LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO NC MANHATTAN, KS 66505-1688 USA		GRADE GGMULTI	SHAPE / SIZE Channel / 10 X 15.3#	DOCUMENT ID: 0000635361
SALES ORDER 13248178/000010		CUSTOMER MATERIAL N° 00000002510153040		LENGTH 40'00"	WEIGHT 9.792 LB	HEAT / BATCH 55088168/02
CUSTOMER PURCHASE ORDER NUMBER 4500556856			BILL OF LADING 1323-0000245193	DATE 09/02/2023	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	

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	N (%)	CEqvA6 (%)	Sn (%)
0.13	0.88	0.012	0.020	0.20	0.29	0.13	0.15	0.036	0.001	0.010	0.0098	0.34	0.010

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)	
25.70	8.000	75400	520	55200	381	
24.20	8.000	75500	521	56700	391	

**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](http://www2.gerdau.com/metals-recycling), or contact [metalsrecycling@gerdau.com](mailto: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.

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