

**CERTIFIED MATERIAL TEST REPORT**



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

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE GGMULTI	SHAPE / SIZE Misc Channel / 10 X 28.5#	DOCUMENT ID: 0000637556
NEW CENTURY,KS 66031-1127 USA				LENGTH 40'00"	WEIGHT 9,120 LB	HEAT / BATCH 55088302/07
SALES ORDER 13100661/000010		CUSTOMER MATERIAL N° 00000002610285040		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 4500553919		BILL OF LADING 1323-0000245900		DATE 09/11/2023		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	N (%)	CEqvA6 (%)	Sn (%)
0.08	1.04	0.014	0.021	0.27	0.30	0.15	0.14	0.041	0.045	0.001	0.0091	0.33	0.011

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)	
24.80	8.000	77400	534	61600	425	
23.40	8.000	77600	535	62400	430	

**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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