

**CERTIFIED MATERIAL TEST REPORT**



US ML-MIDLOTHIAN  
300 WARD ROAD  
MIDLOTHIAN, TX 76065  
USA

CUSTOMER SHIP TO LONGVIEW, TX 75604-1817 USA	CUSTOMER BILL TO MANHATTAN, KS 66505-1688 USA	GRADE GGMULTI	SHAPE / SIZE Channel 10 X 20#	DOCUMENT ID 0001069101
SALES ORDER 13765560-000020		CUSTOMER MATERIAL N° 000000002510200020	LENGTH 20'00"	WEIGHT 6.400 LB
BILL OF LADING 1327-0000568208		DATE 02/28/2024	SPECIFICATION / DATE of 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 4500568586				

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	N (%)	CEqvA6 (%)	Sn (%)
C (%)	Mn (%)	0.013	0.038	0.20	0.38	0.10	0.19	0.026	0.001	0.011	0.0133	0.30	0.008
0.08	0.85												

MECHANICAL PROPERTIES		G.L. (Inches)	G.L. (mm)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)	YS / UTS (%)
Elong. (%)		8.000	200.0	73118	504	56926	392	0.780
24.20		8.000	200.0	77553	535	57191	394	0.740
24.30								

**COMMENTS / NOTES**

This grade meets the requirements for the following grades:  
 ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50  
 SA Grades: 4W; 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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