



US-ML-CHARLOTTE
6601 LAKEVIEW ROAD
CHARLOTTE, NC 28269
USA

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO MANHATTAN, KS 66505-1688 USA		GRADE GGMULTI	SHAPE / SIZE Angle / 2X1 1/2X1/4	DOCUMENT ID: 0000187572
SALES ORDER 14248612/000020		CUSTOMER MATERIAL N° 000000050200116820		LENGTH 20'00"	WEIGHT 3,047 LB	HEAT / BATCH 54204278/05
CUSTOMER PURCHASE ORDER NUMBER 4500579615		BILL OF LADING 1321-0000124227	DATE 08/14/2024	SPECIFICATION / DATE or REVISION ASTM A529-19, A572-21E1 ASTM A6-24A, A36-19, ASME SA36 ASTM A709-21, AASHTO M270-20 CSA G40.20-13/G40.21-13 (R23)		

CHEMICAL COMPOSITION										
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)
0.14	0.67	0.012	0.036	0.18	0.30	0.17	0.19	0.050	0.001	0.008

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	
27.50	8.000	77800	536	56679	391	
28.80	8.000	77603	535	55961	386	

GEOMETRIC CHARACTERISTICS	
R-R	
	31.00

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.

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