

CERTIFIED MATERIAL TEST REPORT



CA-ML-WHTBY
1 GERDAU CT
WHTBY, ON L1N 5T1
Canada

CUSTOMER SHIP TO S LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO MANHATTAN, KS 66505-1688 USA		GRADE GGMULTI	SHAPE / SIZE Angle 3X2X12	DOCUMENT ID: 0000363905
SALES ORDER 13713034000020		CUSTOMER MATERIAL N° 000000503002001620		LENGTH 20'00"	WEIGHT 3.696 LB	HEAT / BATCH 52110991/04
CUSTOMER PURCHASE ORDER NUMBER 1500567424			BILL OF LADING 1302-0000169444	DATE 01/30/2024	SPECIFICATION / DATE or REVISION ASTM A529-19, A572-21 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-15, G40.21-13	

CHEMICAL COMPOSITION	C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	CEqvA6 (%)	Sn (%)
	0.14	0.87	0.012	0.018	0.17	0.24	0.08	0.12	0.026	0.001	0.012	0.34	0.009

MECHANICAL PROPERTIES	Elong. (%)	G.L. (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)
	26.10	8.000	76652	528	60793	419
	26.30	8.000	77434	534	61504	424

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, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, and Hot Rolled) in Canada. For billets, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in Canada. CMTR complies with EN 10204 3.1.

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