

CERTIFIED MATERIAL TEST REPORT



CA-ML-CAMBRIDGE
160 ORION PLACE
CAMBRIDGE, ON N1T 1R9
Canada

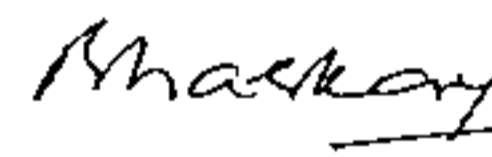
GRADE GGMULT1		SHAPE / SIZE Angle / 2X1 1/2X1/8	DOCUMENT ID: 0000206241
LENGTH 20'00"		WEIGHT 4,003 LB	HEAT / BATCH 52108505/09
SALES ORDER 12669375/000020	CUSTOMER MATERIAL N° 00000050200116420	SPECIFICATION / DATE or REVISION ASTM A529-19, A572-21 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13	
CUSTOMER PURCHASE ORDER NUMBER 4500545356	BILL OF LADING 1301-0000062713	DATE 03/30/2023	

CHEMICAL COMPOSITION												
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	CEqvA6 (%)	Sn (%)
0.14	0.77	0.016	0.024	0.20	0.23	0.08	0.19	0.027	0.014	0.002	0.34	0.011

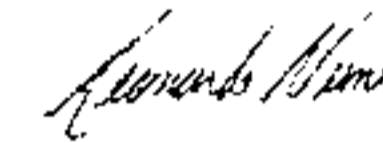
MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	
29.00	8.000	72460	500	53756	371	
27.50	8.000	72874	502	53865	371	

COMMENTS / NOTES
<p>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</p>

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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