



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE	SHAPE / SIZE	DOCUMENT ID:
		INC		GGMULTI	Angle / 2X1 1/2X3/16	0000212456
SALES ORDER		CUSTOMER MATERIAL N°		LENGTH	WEIGHT	HEAT / BATCH
12890509/000010		000000050200116620		20'00"	9,582 LB	52108504/04
CUSTOMER PURCHASE ORDER NUMBER			BILL OF LADING	DATE		
EG00001077			1301-0000063851	06/16/2023		
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						

CHEMICAL COMPOSITION												
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	CEqvA6 (%)	Sn (%)
0.14	0.77	0.018	0.029	0.19	0.25	0.09	0.20	0.028	0.014	0.003	0.34	0.011

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)	
32.50	8.000	72191	498	51533	355	
32.50	8.000	71643	494	51131	353	

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

Gerdaul'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 Gerdaul 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.

*Bhaskar*  
 BHASKAR YALAMANCHILI  
 QUALITY DIRECTOR  
 Phone: (409) 267-1071 Email: [Bhaskar.Yalamanchili@gerdau.com](mailto:Bhaskar.Yalamanchili@gerdau.com)

*Leonardo Nunes*  
 LEONARDO NUNES  
 QUALITY ASSURANCE MGR.  
 Phone: (905) 668-8811 EXT 4055 Email: [Leonardo.Nunes@gerdau.com](mailto:Leonardo.Nunes@gerdau.com)