



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

CERTIFIED MATERIAL TEST REPORT

ST: 475 1 USA	NC USA	GRADE GGMULTI	SHAPE / SIZE Angle / 3 1/2X3 1/2X1/4	DOCUMENT ID: 0000334462
SALES ORDER 13148448/000020		CUSTOMER MATERIAL N° 000000050316316820		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
CUSTOMER PURCHASE ORDER NUMBER 4500554748	BILL OF LADING 1302-0000162470	DATE 07/14/2023		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Al (%)	CEq ^{A529} (%)	Sn (%)
0.16	0.86	0.014	0.027	0.21	0.30	0.10	0.16	0.030	0.004	0.014	0.001	0.40	0.010

MECHANICAL PROPERTIES		G/L (Inches)		UTS (PSI)		UTS (MPa)		YS 0.2% (PSI)		YS (MPa)	
Elong. (%)											
22.50		8.000		76400		527		58100		401	
22.50		8.000		76800		530		58100		401	

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, 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 Gerdaul possession. This material was produced (Hot Rolled) in Canada from billets melted (Electric Arc Furnace Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.

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