

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE GGMULTI	SHAPE / SIZE Channel / 10 X 15.3#	DOCUMENT ID: 0000344981
LONGVIEW, TX 75604-4817 USA		MANHATTAN, KS 66505-1688 USA		LENGTH 40' 00"	WEIGHT 29,376 LB	HEAT / BATCH 52109869/02
SALES ORDER 13346163/000010		CUSTOMER MATERIAL N° 000000002510153040		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 4500558680	BILL OF LADING 1302-0000164917	DATE 09/21/2023				

CHEMICAL COMPOSITION												
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	CEqvA6 (%)	Sn (%)
0.14	0.77	0.008	0.031	0.19	0.20	0.10	0.09	0.029	0.001	0.017	0.31	0.011

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)	
22.50	8.000	72500	500	56300	388	
23.80	8.000	74000	510	58700	405	

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.

Bhaskar
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Leonardo Nunes
 LEONARDO NUNES
 QUALITY ASSURANCE MGR.

Phone: (905) 668-8811 EXT 4055 Email: Leonardo.Nunes@gerdau.com