



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

DOCUMENT ID: 0000327138	SHAPE / SIZE Angle / 5X3 1/2X5.16	GRADE GGMULTI	LENGTH 20'00"	WEIGHT 6438 LB	HEAT / BATCH 52109224/02	SPECIFICATION / DATE OF 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	SALES ORDER 12939656/000010	CUSTOMER MATERIAL N° 0000005003161020	CUSTOMER PURCHASE ORDER NUMBER 4500551027	BILL OF LADING 1302-0000161022	DATE 05/19/2023
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CHEMICAL COMPOSITION												
C (%)	Min (%)	P (%)	S (%)	SI (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	CEqVA6 (%)	Sn (%)
0.13	0.89	0.014	0.019	0.17	0.24	0.07	0.18	0.020	0.018	0.001	0.34	0.011

MECHANICAL PROPERTIES											
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS 0.2% (MPa)	YS (MPa)					
25.00	8.000	69300	478	52400	361	358					
25.00	8.000	69700	481	51900	361	358					

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: M1270-36, M1270-50
 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. C/MTR complies with EN 10204 3.1.

BHASKAR VALAMANCHILI
 QUALITY DIRECTOR

Mason

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