



US-ML-CHARLOTTE
6601 LAKEVIEW ROAD
CHARLOTTE, NC 28269
USA

CERTIFIED MATERIAL TEST REPORT

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CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE GGMULTI	SHAPE / SIZE Square Bar / 3/4"	DOCUMENT ID: 0000191827
				LENGTH 20'00"	WEIGHT 4,818 LB	HEAT / BATCH 54205221/02
SALES ORDER 14437591/000010		CUSTOMER MATERIAL N° 000000000000852420		SPECIFICATION / DATE or REVISION ASTM A529-19, A572-21E1 ASTM A6-24A, A36-19, ASME SA36 ASTM A709-21, AASHTO M270-20 CSA G40.20-13/G40.21-13 (R23)		
CUSTOMER PURCHASE ORDER NUMBER EG00008390		BILL OF LADING 1321-0000126352	DATE 10/14/2024			

CHEMICAL COMPOSITION										
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)
0.16	0.67	0.008	0.040	0.16	0.30	0.20	0.17	0.060	0.002	0.006

MECHANICAL PROPERTIES										
Elong. (%)	G/L (Inches)		UTS (PSI)		UTS (MPa)		YS (PSI)		YS (MPa)	
21.20	8.000		77320		533		53716		370	
22.50	8.000		76407		527		54061		373	

GEOMETRIC CHARACTERISTICS										
R:R										
44.00										

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> <p>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.</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 or beam blanks, this material was produced (Electric Arc Furnace, Melted, Continuously Cast, Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was produced (Electric Arc Furnace, Melted and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.

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