


CERTIFIED MATERIAL TEST REPORT

 <p>US-ML-JACKSON TN 801 GERDAU AMERISTEEL ROAD JACKSON, TN 38305 USA</p>		<p>INDUSTRIAL AVE LONGVIEW, TX 75604-4817 USA</p>		<p>MANHATTAN, KS 66505-1688 USA</p>		<p>GRADE GGMULTI</p>	<p>SHAPE / SIZE Flat Bar / 3/4 X 5</p>	<p>DOCUMENT ID: 0000506593</p>
<p>SALES ORDER 12526677/000020</p>		<p>CUSTOMER MATERIAL N° 00000000102450020</p>		<p>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</p>		<p>LENGTH 20'00"</p>	<p>WEIGHT 4,080 LB</p>	<p>HEAT / BATCH 63224511/03</p>
<p>CUSTOMER PURCHASE ORDER NUMBER 4500542760</p>		<p>BILL OF LADING 1333-0000206467</p>		<p>DATE 12/21/2022</p>				

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	V (%)	Nb (%)	Al (%)	CEq <sub>VA</sub> (%)	Sn (%)
C (%)	0.14	0.011	0.033	0.20	0.32	0.10	0.19	0.030	0.001	0.008	0.001	0.36	0.012


MECHANICAL PROPERTIES		G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)	29.00	200.0	72086	497	51310	354
	29.00	200.0	72187	498	51184	353


GEOMETRIC CHARACTERISTICS  
R:R  
9.27

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

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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