

CERTIFIED MATERIAL TEST REPORT



US-ML-JACKSON TN
801 GERDAU AMERISTEEL ROAD
JACKSON, TN 38305
USA

CUSTOMER SURVEY		GRADE GGMULTI	SHAPE / SIZE Angle / 2X2X5/16	DOCUMENT ID: 0000563749
1	NC	LENGTH 20'00"	WEIGHT 4,939 LB	HEAT / BATCH 63232598/06
SALES ORDER 13281976/000010		CUSTOMER MATERIAL N° 000000502002001020		SPECIFICATION / DATE or 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
CUSTOMER PURCHASE ORDER NUMBER EG00007396	BILL OF LADING 1333-0000221959	DATE 08/22/2023		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Al (%)	CEq ^{A529} (%)	Sn (%)
0.12	0.71	0.015	0.029	0.20	0.34	0.11	0.22	0.030	0.003	0.009	0.001	0.35	0.013

MECHANICAL PROPERTIES		G/L (Inches)		G/L (mm)		UTS (PSI)		UTS (MPa)		YS (PSI)		YS (MPa)	
Elong. (%)													
26.00		8.000		200.0		76817		530		57627		397	
27.00		8.000		200.0		77006		531		57655		398	

GEOMETRIC CHARACTERISTICS
R-R
23.72

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 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.

Bhaskar
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR
 Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Ben Lovell
 BEN LOVELL
 QUALITY ASSURANCE MGR.
 Phone: (731) 423-5213 Email: benjamin.lovell@gerdau.com