

Date: 9/8/2023 To: SENTRY SUPPLY dba SO#: A781702 Ln#: 2 PO#: P0243986-06 Part: A353002540* Qty: 10
 Heat#: 63233118* Tag: B23090723



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO SENTRY SUPPLY dba F USA		CUSTOMER BILL TO SENTRY SUPPLY dba USA		GRADE GGMULTI	SHAPE / SIZE Angle / 3 1/2X3X1/4	DOCUMENT ID: 0000563969
SALES ORDER 13110714/000040		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 9,720 LB	HEAT / BATCH 63233118/02
CUSTOMER PURCHASE ORDER NUMBER SSW136598		BILL OF LADING	DATE 08/23/2023	SPECIFICATION / DATE of 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		

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	V (%)	Nb (%)	Al (%)	CEq _{AS29} (%)	Sn (%)
C (%)	0.13	0.69	0.014	0.032	0.19	0.29	0.17	0.020	0.003	0.006	0.000	0.34	0.010

MECHANICAL PROPERTIES		G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)	28.00	200.0	75579	521	57246	395
	29.00	200.0	76113	525	57658	398

GEOMETRIC CHARACTERISTICS
 R.R.
 19.20

COMMENTS / NOTES

This grade meets the requirements for the following grades:
 ASTM Grades: A36; A529-50; A572-50; A709-36; A709-50
 CSA Grades: 4W; 50W
 AASHTO Grades: M270-36; M270-50
 ASME Grades: SA36

Gerda'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 Gerda's 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.

Shasky
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

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