

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO NEW CENTURY,KS 66031-1127 USA		CUSTOMER BILL TO MANHATTAN,KS 66505-1688 USA		GRADE GGMULTI	SHAPE / SIZE Angle / 4X3X5/16	DOCUMENT ID: 0000561880
SALES ORDER 13091888/000030		CUSTOMER MATERIAL N° 000000504003001040		LENGTH 40'00"	WEIGHT 9,504 LB	HEAT / BATCH 63233082/02
CUSTOMER PURCHASE ORDER NUMBER 4500553827			BILL OF LADING 1333-0000221381	DATE 08/14/2023		

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

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Al (%)	CEq ^{A529} (%)	Sn (%)
0.13	0.69	0.013	0.021	0.21	0.27	0.09	0.18	0.037	0.004	0.006	0.000	0.34	0.015

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
27.00	8.000	200.0	78979	545	60483	417
29.00	8.000	200.0	78964	544	60428	417

GEOMETRIC CHARACTERISTICS	
R.R	
14.40	

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

Gerdaul'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 Gerdaul 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