

**CERTIFIED MATERIAL TEST REPORT**



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

CUSTOMER SHIP TO ST 4" LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO MANHATTAN, KS 66505-1688 USA		GRADE .GMULTI	SHAPE / SIZE Angle / 5X3X5/16	DOCUMENT ID: 0000583815
SALES ORDER 13548287/000010		CUSTOMER MATERIAL N° 000000505003001040		LENGTH 40' 00"	WEIGHT 8.856 LB	HEAT / BATCH 63233879/02
CUSTOMER PURCHASE ORDER NUMBER 4500563573		BILL OF LADING 1333-0000227788	DATE 11/20/2023	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 <sub>AS29</sub> (%)	Sn (%)
0.13	0.65	0.012	0.020	0.18	0.28	0.09	0.14	0.030	0.003	0.007	0.001	0.32	0.010

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
32.00	8.000	200.0	74636	515	56858	392
32.00	8.000	200.0	75011	517	57853	399

GEOMETRIC CHARACTERISTICS	
R.R	
14.41	

**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

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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](mailto:Bhaskar.Yalamanchili@gerdau.com)

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