

**CERTIFIED MATERIAL TEST REPORT**



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

GRADE GGMULTI		SHAPE / SIZE Angle / 4X4X5/16	DOCUMENT ID: 0000535885
LENGTH 40'00"		WEIGHT 8,856 LB	HEAT / BATCH 63231149/02
SALES ORDER 12891096/000020	CUSTOMER MATERIAL N° 000000504004001040		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
CUSTOMER PURCHASE ORDER NUMBER G450040776	BILL OF LADING 1333-0000214403	DATE 04/25/2023	

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Al (%)	CEq <sup>A529</sup> (%)	Sn (%)
0.14	0.73	0.017	0.029	0.20	0.32	0.13	0.19	0.040	0.003	0.007	0.001	0.38	0.012

MECHANICAL PROPERTIES		G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)		8.000	200.0	76824	530	55700	384
		30.00	8.000	73610	508	54195	374

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

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