

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO MANHATTAN, KS 66505-1688 USA		GRADE GGMULTI	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 ^{A529} (%)	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		G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)		8.000	200.0	74636	515	56858	392
		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

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.

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