

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO CATOOSA, OK 74015-3033 USA		CUSTOMER BILL TO MANHATTAN, KS 66505-1688 USA		GRADE GGMULTI	SHAPE / SIZE Angle / 2 1/2X2 1/2X5/16	DOCUMENT ID: 0000576325
SALES ORDER 13401700/000010		CUSTOMER MATERIAL N° 00000502162161020		LENGTH 20' 00"	WEIGHT 4,500 LB	HEAT / BATCH 63233229/05
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 4500559952		BILL OF LADING 1333-0000225649		DATE 10/16/2023		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Al (%)	CEq ^{A529} (%)	Sn (%)
0.13	0.65	0.014	0.022	0.19	0.26	0.10	0.21	0.040	0.003	0.007	0.001	0.34	0.013

MECHANICAL PROPERTIES				UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)	G/L (Inches)	G/L (mm)		75654	522	54852	378
27.00	8.000	200.0		76368	527	55088	380
27.00	8.000	200.0					

GEOMETRIC CHARACTERISTICS	
R-R	20.74

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.

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