

**CERTIFIED MATERIAL TEST REPORT**

DOCUMENT ID: 0000462604	SHAPE / SIZE Angle / 3X2X3/8
GRADE GGMULTI	HEAT / BATCH 63221344/06
LENGTH 20' 00"	WEIGHT 4,720 LB

4150 W MARSHALL AVE LONGVIEW, TX 75604-4817 USA	MANHATTAN, KS 66505-1688 USA
SALES ORDER 11890850/000020	CUSTOMER MATERIAL N° 000000503002001220
BILL OF LADING 1333-0000194510	DATE 06/02/2022

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

CUSTOMER PURCHASE ORDER NUMBER  
EG00000373

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Al (%)	CEq <sub>AS</sub> (%)	Sn (%)
C (%)	0.16	0.68	0.018	0.18	0.33	0.07	0.21	0.019	0.004	0.006	0.001	0.38	0.009

MECHANICAL PROPERTIES		G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS (PSI)	YS (MPa)
Elong. (%)	27.00	8.000	200.0	79779	550	57494	396
	28.00	8.000	200.0	79017	545	56626	390

GEOMETRIC CHARACTERISTICS  
R:R  
17.57

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*  
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