

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO HOUSTON DK HOUSTON, TX 77029-3613 USA		CUSTOMER BILL TO 8415 CLINTON DRIVE HOUSTON, TX 77029 USA		GRADE GGMULTI	SHAPE / SIZE Channel / 7 X 12.25#	DOCUMENT ID: 0000601026
SALES ORDER 12871176/000010		CUSTOMER MATERIAL N°		LENGTH 40'00"	WEIGHT 9,800 LB	HEAT / BATCH 55084920/03
CUSTOMER PURCHASE ORDER NUMBER SSW135114		BILL OF LADING 1323-0000235204	DATE 04/27/2023	SPECIFICATION / DATE OF REVISION ASTM A529-19, A572-21 ASTM A6-17, A36-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13		



US-ML-CARTERSVILLE
 384 OLD GRASSDALE ROAD NE
 CARTERSVILLE, GA 30121
 USA

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	N (%)	CE _{qv} A6 (%)	Sn (%)
C (%)	0.08	0.91	0.015	0.028	0.27	0.14	0.16	0.055	0.001	0.015	0.0098	0.31	0.012

MECHANICAL PROPERTIES		G/L (Inches)	UTS (MPa)	YS (MPa)
Elong. (%)	26.20	8.000	510	370
	28.50	8.000	518	370

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 and Continuously Cast) in the USA. CMTR complies with EN 10204 3.1.

Shaskay
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