

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO HOUSTON, TX 77029-3613 USA	CUSTOMER BILL TO COLP	GRADE GGMULTI	SHAPE / SIZE Channel / 7 X 12.25#	DOCUMENT ID 0000652390
SALES ORDER 13499146/000310	CUSTOMER MATERIAL N°	LENGTH 20'00"	WEIGHT 4,900 LB	HEAT / BATCH 55088846/03
CUSTOMER PURCHASE ORDER NUMBER SSW139499	BILL OF LADING 1323-0000250544	SPECIFICATION / DATE OF REVISION ASTM A529-19, A572-21 ASTM A6-17, A16-14, ASME SA-36 ASTM A709-18, AASHTO M270-15 CSA G40.20-13/G40.21-13		
DATE 11/01/2023				

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	N (%)	CEqVA6 (%)	Sn (%)
C (%)	0.09	0.014	0.029	0.28	0.29	0.17	0.13	0.045	0.002	0.014	0.0109	0.31	0.011

MECHANICAL PROPERTIES		G/L (Inches)	UTS (MPa)	UTS (PSI)	YS (MPa)	YS (PSI)	YS 0.2% (PSI)
Elong. (%)	24.90	8.000	74100	511	390	56500	56500
	23.90	8.000	73300	505	389	56400	56400

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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