



US-ML-MIDDLOTHIAN
 300 WARD ROAD
 MIDDLOTHIAN, TX 76065
 USA

SALES ORDER 13008169/000010		CUSTOMER MATERIAL N°		GRADE GGMULTI	SHAPE / SIZE Channel / 8 X 11.5#	DOCUMENT ID: 0000948038
BILL OF LADING 1327-0000530027		DATE 05/26/2023		LENGTH 60'00"	WEIGHT 22,080 LB	HEAT / BATCH 59111427/02
CUSTOMER PURCHASE ORDER NUMBER SSW135923		SPECIFICATION / DATE OF 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 (%)	N (%)	CEqVA6 (%)	Sn (%)
	0.09	0.90	0.013	0.034	0.21	0.32	0.09	0.15	0.026	0.001	0.011	0.0114	0.30	0.008

MECHANICAL PROPERTIES	Elong. (%)	G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)	YS / UTS (%)
	22.60	8.000	200.0	72494	500	53819	385	0.770
	24.40	8.000	200.0	70742	488	54062	373	0.760

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

Gerdaus 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 Gerdaus 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
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Waide
 WAIDE LUDPKENS
 QUALITY ASSURANCE MGR