

GERDAU		US-ML-MIDLOTHIAN 300 WARD ROAD MIDLOTHIAN, TX 76065 USA	
HOUSTON, TX 77029-3613 USA		HOUSTON, TX 77029 USA	
SALES ORDER 13366623/000010		CUSTOMER MATERIAL N°	
BILL OF LADING 1327-0000546293		DATE 09/15/2023	
CUSTOMER PURCHASE ORDER NUMBER SSW138435			

GRADE GGMULTI		SHAPE / SIZE Channel / 8 X 18.75#		DOCUMENT ID: 0000998267	
LENGTH 50'00"		WEIGHT 7,500 LB		HEAT / BATCH 59111406/02	
SPECIFICATION / DATE or 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					

C (%)	0.09	P (%)	0.012	S (%)	0.032	Si (%)	0.19	Cu (%)	0.24	Ni (%)	0.08	Cr (%)	0.15	Mo (%)	0.023	V (%)	0.001	Nb (%)	0.011	N (%)	0.0101	CEqVA6 (%)	0.29	Sn (%)	0.005
MECHANICAL PROPERTIES		Elong. (%)		G/L (Inches)		G/L (mm)		UTS (PSI)		UTS (MPa)		YS 0.2% (PSI)		YS (MPa)		YS / UTS (%)									
		25.60		8.000		200.0		69910		482		51199		333		0.730									
		25.00		8.000		200.0		70106		483		50397		348		0.720									

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.

Shashank BHASKAR VALAMANCHILI QUALITY DIRECTOR
 Phone: (800) 267-1071 Email: Bhaskar.Valamanchili@gerdau.com

Wade A. Wade WADE LUMPKINS QUALITY ASSURANCE MGR.
 Phone: 072.770.3118 Email: Wade.Lumpkins@gerdau.com