



CERTIFIED MATERIAL TEST REPORT

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

SALES ORDER 12793210/000130		CUSTOMER MATERIAL N°		GRADE GGMULTI	SHAPE / SIZE Misc Channel / 8 X 21.4#	DOCUMENT ID: 0000611860
CUSTOMER PURCHASE ORDER NUMBER SSW134473		BILL OF LADING 1323-0000238222	DATE 06/07/2023	LENGTH 40'00"	WEIGHT 25,680 LB	HEAT / BATCH 55086309/02
SPECIFICATION / DATE or 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 (%)
0.08	0.96	0.017	0.028	0.27	0.27	0.14	0.16	0.050	0.002	0.020	0.0120	0.31	0.011

MECHANICAL PROPERTIES						
Elong. (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)	
22.30	8.000	72900	503	54100	373	
21.90	8.000	73500	507	54500	376	

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

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

YAN WANG
 QUALITY ASSURANCE MGR.

Phone: (770) 387-5718 Email: yan.wang@gerdau.com

Date: 8/18/2023 To: SENTRY SUPPLY dba SO#: A778409 Lrn#: 1 PO#: P0243505 Part: MC08214040* Qty: 1
 Heat#: 55086309* Tag: B09081723