

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE	SHAPE / SIZE	DOCUMENT ID:
1323-0000225978		1323-0000225978		GCMULTI	Misc Channel / 10 X 8.4#	0000568815
BILL OF LADING		DATE		LENGTH	WEIGHT	HEAT / BATCH
1323-0000225978		01/09/2023		40'00"	9,408 LB	55082311/02
CUSTOMER PURCHASE ORDER NUMBER				SPECIFICATION / DATE OF REVISION		
SSW132557				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		
SALES ORDER		CUSTOMER MATERIAL N°				
12524759/000130						

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

CHEMICAL COMPOSITION		C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	N (%)	CE _{qv} A6 (%)	Sn (%)
0.11	0.77	0.018	0.033	0.21	0.34	0.16	0.18	0.041	0.002	0.006	0.0102	0.32	0.011		
MECHANICAL PROPERTIES		Elong (%)	G/L (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)								
26.20	25.20	8.000	76500	527	59600	411	397								
		8.000	75800	523	57600										

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, 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.

Maskay
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 QUALITY DIRECTOR

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