

CERTIFIED MATERIAL TEST REPORT

GRADE GGMULTI		SHAPE / SIZE Channel / 6 X 8.2#	DOCUMENT ID: 0000907517
LENGTH 40'00"	WEIGHT 23,616 LB	HEAT / BATCH 59109762/02	
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			
SALES ORDER 12692919/000010		CUSTOMER MATERIAL N° 000000000025682040	
CUSTOMER PURCHASE ORDER NUMBER 4500546027		BILL OF LADING 1327-0000517527	DATE 03/09/2023


GERDAU
 US-ML-MIDLOTHIAN
 300 WARD ROAD
 MIDLOTHIAN, TX 76065
 USA


CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	Al (%)	Ti (%)	B (%)	Ca (%)	N (%)	Pb (%)
C (%)	0.08	0.86	0.007	0.024	0.19	0.10	0.17	0.025	0.001	0.015	0.000	0.002	0.0000	0.0017	0.0102	0.0000
CHEMICAL COMPOSITION		Zn (%)	Co (%)	CEqvA6 (%)	Sn (%)											
Sb (%)	0.004	0.005	0.000	0.004	0.29											
MECHANICAL PROPERTIES		G/L (Inches)		G/L (mm)		UTS (PSI)		UTS (MPa)		YS 0.2% (PSI)		YS (MPa)		YS / UTS (%)		
Elong. (%)	25.30	8.000	8.000	200.0	200.0	73837	75595	509	521	56807	392	396	0.770	0.760		
23.60	8.000	200.0	200.0	75595	521	57463	396									

GEOMETRIC CHARACTERISTICS
 DimmWght Branding
 OK OK

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.


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