

CERTIFIED MATERIAL TEST REPORT

DOCUMENT ID: 0000879972	SHAPE / SIZE Misc Channel / 18 X 42.7#	GRADE GGMULTI
HEAT / BATCH 59108109/02	WEIGHT 6.832 LB	LENGTH 40' 00"
SPECIFICATION / DATE OF 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		

CU'	MANHATTAN, KS 66505-1688 USA
401 NEW CENTURY PKWY NEW CENTURY, KS 66031-1127 USA	CUSTOMER MATERIAL N° 00000002618427040
SALES ORDER 12528454/000010	DATE 01/17/2023
BILL OF LADING 1327-0000508593	

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

CUSTOMER PURCHASE ORDER NUMBER
4500542809

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	V (%)	Nb (%)	Al (%)	Ti (%)	B (%)	Ca (%)	N (%)	Pb (%)
C (%)	0.09	1.11	0.029	0.24	0.44	0.26	0.26	0.056	0.002	0.015	0.001	0.003	0.0005	0.0020	0.0118	0.0000

CHEMICAL COMPOSITION		Zn (%)	Co (%)	CEqvA6 (%)	Sn (%)
Sb (%)	0.005	0.007	0.010	0.38	0.012

MECHANICAL PROPERTIES		G/L (Inches)	G/L (mm)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)
Elong. (%)	24.90	8.000	200.0	79197	546	57044	393
	22.70	8.000	200.0	78899	544	57555	397

GEOMETRIC CHARACTERISTICS
DimmWght OK
Branding 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.

Wade A. Lumpkins
WADE LUMPKINS
QUALITY ASSURANCE MGR.

BHASKAR YALAMANCHILI
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Bhaskar

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