

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO STEEL AND PIPE SUPPLY CO INC 4750 W MARSHALL AVE LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO STEEL AND PIPE SUPPLY CO INC MANHATTAN, KS 66505-1688 USA		GRADE GGMULTI	SHAPE / SIZE Misc Channel / 6 X 18#	DOCUMENT ID: 0000548116
SALES ORDER 12260651/000010		CUSTOMER MATERIAL N° 00000000266180040		LENGTH 40'00"	WEIGHT 8,640 LB	HEAT / BATCH 55080086/03
CUSTOMER PURCHASE ORDER NUMBER 4500537535			BILL OF LADING 1323-0000220252	DATE 10/20/2022	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	

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	V (%)	Nb (%)	N (%)	CEqvA6 (%)	Sn (%)
C (%)	Mn (%)	0.019	0.025	0.18	0.31	0.11	0.18	0.029	0.002	0.011	0.0093	0.34	0.011

MECHANICAL PROPERTIES		G/L (Inches)	UTS (PSI)	UTS (MPa)	YS 0.2% (PSI)	YS (MPa)
Elong. (%)		8.000	73700	508	53300	368
		8.000	74200	512	53700	370

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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