



CERTIFIED MATERIAL TEST REPORT

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

		GRADE A992/A572-50		SHAPE / SIZE Standard I-Beam / 5 X 10# / 130 X 15		DOCUMENT ID: 0000586284	
		LENGTH 20'00"		PCS 24	WEIGHT 4,800 LB		HEAT / BATCH 55081050/04
SALES ORDER 12709822/000010		CUSTOMER MATERIAL N° 000000000355100020		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM			
CUSTOMER PURCHASE ORDER NUMBER 4500546253		BILL OF LADING 1323-0000230716		DATE 03/08/2023			

CHEMICAL COMPOSITION											
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)
0.12	0.96	0.013	0.033	0.21	0.34	0.12	0.14	0.029	0.011	0.001	0.009


MECHANICAL PROPERTIES						
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	Elong. (%)
56800	74100	392	511	0.770	8.000	26.90
57100	74400	394	513	0.770	8.000	27.30

COMMENTS / NOTES

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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