



CERTIFIED MATERIAL TEST REPORT

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

		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 10 X 49# / 250 X 73		DOCUMENT ID: 0000930812	
		LENGTH 20'00"		PCS 8	WEIGHT 7,840 LB		HEAT / BATCH 58056486/06
SALES ORDER 12808501/000090		CUSTOMER MATERIAL N° 000000003710490020		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W			
CUSTOMER PURCHASE ORDER NUMBER 4500548191		BILL OF LADING 1327-0000524812		DATE 04/25/2023			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)	
0.08	0.92	0.011	0.013	0.26	0.22	0.07	0.25	0.016	0.004	0.002	0.021	0.30	

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
51164	66773	353	461	0.770	8.000	200.0	23.90		
52029	68191	359	470	0.760	8.000	200.0	24.50		

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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