



## CERTIFIED MATERIAL TEST REPORT

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

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			GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 8 X 10# / 200 X 15.0		DOCUMENT ID 0001043103		
			LENGTH 25'00"		PCS 63	WEIGHT 15,750 LB		HEAT / BATCH 59106734/03	
SALES ORDER 13639182/000020			CUSTOMER MATERIAL N° 000000000378100025			SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W			
	BILL OF LADING 1327-0000560772		DATE 12/31/2023						

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.09	0.96	0.014	0.023	0.23	0.23	0.13	0.22	0.033	0.005	0.002	0.014	0.000	0.32

MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
59840	76400	413	527	0.780	8.000	200.0	22.30
62978	77143	434	532	0.820	8.000	200.0	25.80

COMMENTS / NOTES

Gerdau's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit [www2.gerdau.com/metals-recycling](http://www2.gerdau.com/metals-recycling), or contact [metalsrecycling@gerdau.com](mailto:metalsrecycling@gerdau.com).

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.

Maskary

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