

**CERTIFIED MATERIAL TEST REPORT**



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

CUSTOMER SHIP TO LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO MANHATTAN, KS 66505-1688 USA		GRADE A992/A572-50	SHAPE - SIZE Wide Flange Beam 14 X 68 X 360 X 101	DOCUMENT ID: 0001033765
SALES ORDER 13540678/000040		CUSTOMER MATERIAL N° 000000003714680040		LENGTH 40'00"	PCS 4	WEIGHT 10,880 LB
CUSTOMER PURCHASE ORDER NUMBER 4500563404		BILL OF LADING 1327-0000557850		DATE 12/06/2023		
SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W						

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
C (%)	Mn (%)	0.009	0.024	0.23	0.35	0.16	0.17	0.040	0.012	0.003	0.019	0.004	0.32
0.09	0.90												

MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T ratio (%)	G:L (Inches)	G:L (mm)	Elong. (%)
YS 0.2% (PSI)		72831	375	502	0.750	8.000	200.0	26.30
54333		71817	373	495	0.750	8.000	200.0	27.70
54107								

COMMENTS / NOTES

Gerdaul'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 Gerdaul 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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