



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO 7100 W MARSHALL FLD LONGVIEW, TX 75604-4817 USA	CUSTOMER BILL TO -- IC MANHATTAN, KS 66505-1688 USA	GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 8 X 24# / 200 X 35.9	DOCUMENT ID: 0001033793
SALES ORDER 13480944/000010	CUSTOMER MATERIAL N° 00000000378240030	LENGTH 30'00"	PCS 16	WEIGHT 11,520 LB
BILL OF LADING 1327-0000557859		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 4500561942	DATE 12/06/2023	HEAT / BATCH 59114407/03		

CHEMICAL COMPOSITION												
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
0.09	0.91	0.020	0.031	0.17	0.30	0.14	0.21	0.034	0.009	0.002	0.013	0.32

MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)		68111	365	470	0.780	8.000	200.0	25.00
		67491	357	465	0.770	8.000	200.0	24.80

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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