



CERTIFIED MATERIAL TEST REPORT

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

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 14 X 48# / 360 X 72	DOCUMENT ID: 0001157037
SALES ORDER 14356485/000010		CUSTOMER MATERIAL N° 000000003714480040		LENGTH 40'00"	PCS 4	WEIGHT 7,680 LB
CUSTOMER PURCHASE ORDER NUMBER G450044726		BILL OF LADING 1327-0000596396		DATE 09/23/2024		
SPECIFICATION / DATE or REVISION ASTM A6-24A ASTM A709-21 GR50 ASTM A992-22, A572-21E1 CSA G40.21-13(R23) 345WM, 50W						
HEAT / BATCH 59118789/03						

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)	
0.08	0.93	0.011	0.025	0.18	0.29	0.09	0.14	0.022	0.009	0.003	0.015	0.29	

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
51500	68422	355	472	0.750	8.000	200.0	26.10		
53254	69553	367	480	0.770	8.000	200.0	25.70		

COMMENTS / NOTES

Gerdaus steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www2.gerdau.com/metals-recycling, or contact 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 Gerdaus 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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