



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO S7 3 J L...		CUSTOMER BILL TO ---		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 10 X 49# / 250 X 73	DOCUMENT ID: 0000957426
SALES ORDER 12897234/000010		CUSTOMER MATERIAL N° 000000003710490040		LENGTH 40'00"	PCS 4	WEIGHT 7,840 LB
CUSTOMER PURCHASE ORDER NUMBER 4500550520		BILL OF LADING 1327-0000533101		DATE 06/16/2023		
SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W						
HEAT / BATCH 60144231/06						

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqVA6 (%)
0.09	0.93	0.011	0.030	0.22	0.38	0.13	0.17	0.030	0.010	0.001	0.019	0.003	0.32

MECHANICAL PROPERTIES YS 0.2% (PSI)		UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
53404	70106	368	4883	0.760	8.000	200.0	24.10	
53958	71289	372	492	0.760	8.000	200.0	24.20	

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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