



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 10 X 45# / 250 X 67	DOCUMENT ID: 0001157625
SALES ORDER 14399750/000010		CUSTOMER MATERIAL N°		LENGTH 40'00"	PCS 20	WEIGHT 36,000 LB
CUSTOMER PURCHASE ORDER NUMBER SSW146198		BILL OF LADING 1327-0000596581		DATE 09/24/2024		
SPECIFICATION / DATE or REVISION ASTM A6-24A ASTM A709-21 GR50 ASTM A992-22, A572-21E1 CSA G46.21-13(R23) 345WM, 50W						

CHEMICAL COMPOSITION												
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
0.08	0.95	0.013	0.032	0.24	0.26	0.08	0.17	0.021	0.009	0.003	0.021	0.30

MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
53367	69411	368	479	0.770	8.000	200.0	25.00
56308	73054	388	504	0.770	8.000	200.0	25.40

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.

Bhaskar
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Date: 12/24/2024 To: SENTRY SUPPLY dba SO#: A855887 L#: 1 PO#: PO253870-01 Part: W1004540* Qty: 2
Heat#: 59119044* Tag: B09122424