



CERTIFIED MATERIAL TEST REPORT

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

SALES ORDER
13475057/000010

CUSTOMER MATERIAL N°
000000037161000050

GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 16 X 100# / 410 X 149		DOCUMENT ID: 0001017041
LENGTH 50'00"	PCS 2	WEIGHT 10,000 LB	HEAT / BATCH 58058333/03	
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 4500561736	BILL OF LADING 1327-0000552450	DATE 10/25/2023		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)	
0.08	0.95	0.014	0.033	0.23	0.25	0.08	0.17	0.016	0.010	0.002	0.018	0.30	

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
53421	68424	368	472	0.780	8.000	200.0	24.10		
53275	67307	367	464	0.790	8.000	200.0	23.40		


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.

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