



CERTIFIED MATERIAL TEST REPORT

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

SALES ORDER
13212975/000060

CUSTOMER MATERIAL N°
000000003721570050

GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 21 X 57# / 530 X 85		DOCUMENT ID: 0000979806
LENGTH 50'00"	PCS 4	WEIGHT 11,400 LB	HEAT / BATCH 58057247/02	
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 4500556070	BILL OF LADING 1327-0000540314	DATE 08/06/2023
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CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)	
0.10	0.94	0.013	0.032	0.21	0.24	0.08	0.13	0.021	0.005	0.002	0.019	0.31	

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
56148	73440	387	506	0.760	8.000	200.0	26.50		
55556	74191	383	512	0.750	8.000	200.0	24.70		

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.

Bhaskar
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