

CERTIFIED MATERIAL TEST REPORT



GERDAU

US-ML-PETERSBURG
25801 HOFHEIMER WAY
PETERSBURG, VA 23803-8905
USA

CUSTOMER SHIP TO 4 LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO D INC MANHATTAN, KS 66505-1688 USA		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 18 X 65# / 460 X 97	DOCUMENT ID: 0000462115
SALES ORDER 12999085/000010		CUSTOMER MATERIAL N° 00000003718650040		LENGTH 40'00"	PCS 3	WEIGHT 7,800 LB
CUSTOMER PURCHASE ORDER NUMBER 4500552037		BILL OF LADING 1330-0000200235		DATE 07/13/2023		
SPECIFICATION · DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-15 345W.M. 50W						

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.10	0.95	0.013	0.033	0.21	0.49	0.24	0.21	0.050	0.045	0.002	0.020	0.002	0.36

MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y:T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
54752	72889	378	503	0.750	8.000	200.0	25.80
54501	72243	376	498	0.750	8.000	200.0	21.80

COMMENTS, NOTES

Gerdaul's 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 Gerdaul 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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