

CERTIFIED MATERIAL TEST REPORT



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

LONGVIEW, TX 75604-4817 USA		MANHATTAN, KS 66505-1688 USA		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 21 X 62# / 530 X 92	DOCUMENT ID: 0000974328
SALES ORDER 13174597/000030		CUSTOMER MATERIAL N° 000000003721620060		LENGTH 60'00"	PCS 3	WEIGHT 11,160 LB
CUSTOMER PURCHASE ORDER NUMBER 4500555342		BILL OF LADING 1327-0000538644		DATE 07/26/2023		
SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W						

CHEMICAL COMPOSITION												
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
0.09	0.90	0.019	0.038	0.22	0.39	0.10	0.22	0.027	0.007	0.003	0.020	0.32

MECHANICAL PROPERTIES										Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)										
59061	74936	407	517							0.790	8.000	200.0	25.00
61217	75881	422	523							0.810	8.000	200.0	25.60

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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