

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER SHIP TO 7500 W. MARSHALL AVE LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO INC MANHATTAN, KS 66505-1688 USA		GRADE A992/A572-50	SHAPE - SIZE Wide Flange Beam 14 X 26# / 360 X 39.0	DOCUMENT ID: 0001034900
SALES ORDER 13480944-000090		CUSTOMER MATERIAL N° 00000003714260050		LENGTH 50'00"	PCS 8	WEIGHT 10,400 L.B
CUSTOMER PURCHASE ORDER NUMBER 4500561942		BILL OF LADING 1327-0000558227	DATE 12/08/2023	SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W		

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	C _{EqvA6} (%)
C (%)	Mn (%)	0.012	0.025	0.18	0.25	0.08	0.15	0.023	0.007	0.003	0.014	0.31
0.09	0.93											

MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (Inches)	G-L (mm)	Elong. (%)
YS 0.2% (PSI)		73454	378	507	0.750	8.000	200.0	24.50
54856		70803	369	488	0.760	8.000	200.0	24.30
53509								

COMMENTS / NOTES

Gerdaul's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www.2.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.

Bhaskar
BHASKAR YALAMANCHILI
QUALITY DIRECTOR
Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Wade Lumpkins
WADE LUMPKINS
QUALITY ASSURANCE MGR.
Phone: 972-779-3118 Email: Wade.Lumpkins@gerdau.com