

CERTIFIED MATERIAL TEST REPORT

DOCUMENT ID: 0000877535	SHAPE / SIZE Wide Flange Beam / 8 X 2.1# / 200 X 31.3
GRADE A992/A572-50	HEAT / BATCH 59108415/05
LENGTH 20'00"	PCS 10
WEIGHT 4,200 LB	

SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WML 50W	
SALES ORDER 12414823/000050	CUSTOMER MATERIAL N° 000000000378210020
BILL OF LADING 1327-0000507760	DATE 01/11/2023

GO GERDAU

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

CUSTOMER PURCHASE ORDER NUMBER
4500540509

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
C (%)	0.08	0.007	0.031	0.18	0.27	0.08	0.10	0.021	0.005	0.001	0.014	0.001	0.27
MECHANICAL PROPERTIES		UTS (PSI)		YS (MPa)		UTS (MPa)		Y/T ratio (%)		G/L (Inches)		G/L (mm)	
YS 0.2% (PSI)	53733	68226	371	471	476	0.790	8.000	200.0	26.30	200.0	200.0	27.50	Elong. (%)
	54042	68982	372	476	476	0.780	8.000	200.0	27.50	200.0	200.0	27.50	

COMMENTS / NOTES

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 Gerdau 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.

Wade A. Lumpkins
WADE LUMPKINS
QUALITY ASSURANCE MGR.

Bhaskar Yalamanchili
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Phone: 972-779-3118 Email: Wade.Lumpkins@gerdau.com

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com