

CERTIFIED MATERIAL TEST REPORT

GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 6 X 25# / 150 X 37.1	DOCUMENT ID: 0000877539
LENGTH 20'00"	PCS 9	WEIGHT 4,500 LB
HEAT / BATCH 59108476/03		

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

SALES ORDER 12545089/000020	CUSTOMER MATERIAL N° 00000000376250020
BILL OF LADING 1327-0000507760	DATE 01/11/2023

SPECIFICATION / DATE of REVISION  
ASTM A6-17  
ASTM A709-18  
ASTM A992-20, A572-21  
CSA G40.21-13 345WM, 50W

CUSTOMER PURCHASE ORDER NUMBER  
G450039689

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
C (%)	0.08	0.008	0.034	0.22	0.26	0.10	0.15	0.028	0.005	0.002	0.013	0.002	0.28
MECHANICAL PROPERTIES		UTS (PSI)		YS (MPa)		UTS (MPa)		Y/T rati (%)		G/L (mm)		Elong. (%)	
YS 0.2% (PSI)	53705	70321	370	485	0.760	8.000	200.0	23.60	24.90	200.0	200.0		
	54873	71846	379	495	0.760	8.000	200.0	24.90					

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.

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

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