

CERTIFIED MATERIAL TEST REPORT

DOCUMENT ID: 0000884630		SHAPE / SIZE Wide Flange Beam / 6 X 12# / 150 X 18.0	
GRADE A992/A572-50		HEAT / BATCH 58055108/02	
LENGTH 40'00"	PCS 36	WEIGHT 17,280 LB	
SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W			

4750 W MARSHALL AVE LONGVIEW, TX 75604-4817 USA		MANHATTAN, KS 66505-1688 USA	
SALES ORDER 12607174/000160		CUSTOMER MATERIAL N° 000000000376120040	
BILL OF LADING 1327-0000510203		DATE 01/25/2023	

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

CUSTOMER PURCHASE ORDER NUMBER
4500544155

CHEMICAL COMPOSITION																									
C (%)	0.08	P (%)	0.008	S (%)	0.037	Si (%)	0.22	Cu (%)	0.29	Ni (%)	0.13	Cr (%)	0.13	Mo (%)	0.031	Sn (%)	0.007	V (%)	0.001	Nb (%)	0.021	Al (%)	0.001	CEqvA6 (%)	0.28
MECHANICAL PROPERTIES										YS (MPa)		UTS (MPa)		Y/T ratio (%)		G/L (Inches)		G/L (mm)		Elong. (%)					
YS 0.2% (PSI)										78599		542		0.820		8.000		200.0		26.50					
64232										437		0.810		8.000		200.0		26.50							
63404																									

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

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