CERTIFIED MATERIAL TEST REPORT

GERDAU

US-ML-CARTERSVILLE
384 OLD GRASSDALE ROAD NE
CARTERSVILLE, GA 30121
USA

GRADE	SHAPE / SIZE	DOCUMENT ID:
A992/A572-50	Wide Flange Beam / 10 X 33# / 250 X 49.1	0000735733

LENGTH	PCS	WEIGHT	HEAT / BATCH
40'00"	12	15,840 LB	**55093761**/02

SALES ORDER
14290274/000030

SPECIFICATION / DATE or REVISION
ASTM A6-17
ASTM A709-21 GR50
ASTM A992-20, A572-21
CSA G40.21-13 345WM, 50W

CUSTOMER PURCHASE ORDER NUMBER
4500580615

BILL OF LADING
1323-0000272347

CHEMICAL COMPOSITION

C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
0.07	1.05	0.014	0.013	0.36	0.27	0.10	0.11	0.033	0.011	0.043	0.001	0.31

MECHANICAL PROPERTIES

YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	Elong. (%)
56000	71800	386	495	0.780	8.000	25.10
55200	71700	381	494	0.770	8.000	26.30

COMMENTS / NOTES

Gerdau's 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 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.

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