

CERTIFIED MATERIAL TEST REPORT



US-ML-PETERSBURG
25801 HOFHEIMER WAY
PETERSBURG, VA 23803-8905
USA

GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 12 X 65# / 310 X 97		DOCUMENT ID: 0000457930
LENGTH 20'00"	PCS 4	WEIGHT 5,200 LB	HEAT / BATCH 60145014/15	
SALES ORDER 12956968/000010		CUSTOMER MATERIAL N° 00000003712650020		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 4500551339	BILL OF LADING 1330-0000198957	DATE 06/19/2023		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.10	1.13	0.008	0.037	0.21	0.36	0.18	0.16	0.040	0.026	0.002	0.017	0.003	0.36

MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)		70364	366	485	0.750	8.000	200.0	27.50
		69543	362	480	0.760	8.000	200.0	22.90

COMMENTS / NOTES

Gerdaul'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 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.

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