



GERDAU

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

CERTIFIED MATERIAL TEST REPORT

C		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 12 X 65# / 310 X 97		DOCUMENT ID: 0000402302	
I		LENGTH 40'00"		PCS 9		WEIGHT 23,400 LB	
				HEAT / BATCH 60141652/03			
SALES ORDER 12057189/000010		CUSTOMER MATERIAL N° 000000003712650040		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W			
CUSTOMER PURCHASE ORDER NUMBER G450038536		BILL OF LADING 1330-0000183938		DATE 08/01/2022			

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
C (%)	0.08	1.10	0.015	0.026	0.22	0.33	0.19	0.030	0.017	0.002	0.014	0.003	0.34

MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2%(PSI)	53400	71200	368	491	0.750	8.000	200.0	26.30
	53900	72400	372	499	0.740	8.000	200.0	25.80

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
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