



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: 0000440290	
		LENGTH 20'00"		PCS 8	WEIGHT 10,400 LB		HEAT / BATCH 60143744/08
SALES ORDER 12354321/000010		CUSTOMER MATERIAL N° 000000003712650020		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 4500539341		BILL OF LADING 1330-0000193800		DATE 03/23/2023			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.08	1.11	0.008	0.027	0.20	0.25	0.15	0.15	0.040	0.015	0.004	0.016	0.001	0.33

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
52965	68977	365	476	0.770	8.000	200.0	27.70		
53193	68969	367	476	0.770	8.000	200.0	26.70		

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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