



CERTIFIED MATERIAL TEST REPORT

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

	GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 10 X 33# / 250 X 49.1	DOCUMENT ID: 0000357037
	LENGTH 20'00"	PCS 8	WEIGHT 5,280 LB
	HEAT / BATCH 60138916/08		
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 4500518572	BILL OF LADING 1330-0000172027	DATE 01/10/2022	

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.09	0.99	0.011	0.035	0.24	0.33	0.14	0.15	0.030	0.011	0.002	0.019	0.004	0.32

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
59002	73770	407	509	0.800	8.000	200.0	26.60		
54487	69550	376	480	0.780	8.000	200.0	25.70		

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. This material, including the billets, was produced (Electric Arc Furnace melted, Continuously cast, and/or Hot rolled) in the USA. CMTR complies with EN 10204 3.1.

Bhaskar
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Alice L. Pitchford
 ALICE PITCHFORD
 QUALITY ASSURANCE MGR.