



CERTIFIED MATERIAL TEST REPORT

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

		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 12 X 30# / 310 X 44.5		DOCUMENT ID: 0000602816	
		LENGTH 20'00"		PCS 8	WEIGHT 4,800 LB		HEAT / BATCH 55085942/09
SALES ORDER 12815725/000020		CUSTOMER MATERIAL N° 000000003712300020		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 4500548300		BILL OF LADING 1323-0000235736		DATE 05/04/2023			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)	
0.08	1.04	0.019	0.028	0.27	0.31	0.15	0.16	0.037	0.012	0.050	0.000	0.33	


MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	Elong. (%)	
57000	72700	393	501	0.780	8.000	24.20	
57100	73000	394	503	0.780	8.000	24.80	

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.

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