

**CERTIFIED MATERIAL TEST REPORT**



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

SALES ORDER 12646191/000010		CUSTOMER MATERIAL N° 00000000037690020		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 6 X 9# / 150 X 13.5	DOCUMENT ID: 0000576681
CUSTOMER PURCHASE ORDER NUMBER 4500544933		BILL OF LADING 1323-0000228135	DATE 02/04/2023	LENGTH 20'00"	PCS 27	WEIGHT 4,860 LB
				SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W		
				HEAT / BATCH 55083782/06		

CHEMICAL COMPOSITION												
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
0.11	0.85	0.014	0.033	0.18	0.28	0.12	0.11	0.033	0.010	0.001	0.005	0.31

MECHANICAL PROPERTIES						
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	Elong. (%)
58300	74200	402	512	0.780	8.000	25.70
55700	75100	384	518	0.740	8.000	23.10

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 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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