



CERTIFIED MATERIAL TEST REPORT

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

CUSTOMER SHIP TO STEEL AND PIPE SUPPLY CO INC 4750 W MARSHALL AVE LONGVIEW, TX 75604-4817 USA		CUSTOMER BILL TO STEEL AND PIPE SUPPLY CO INC MANHATTAN, KS 66505-1688 USA		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 6 X 25# / 150 X 37.1	DOCUMENT ID: 0000572146	
SALES ORDER 12608590/000050		CUSTOMER MATERIAL N° 00000000376250020		LENGTH 20'00"	PCS 9	WEIGHT 4,500 LB	HEAT / BATCH 55083908/10
CUSTOMER PURCHASE ORDER NUMBER 4500544146		BILL OF LADING 1323-0000226955		DATE 01/19/2023		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W	

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)	
0.08	0.90	0.014	0.033	0.26	0.32	0.14	0.11	0.033	0.010	0.001	0.019	0.29	


MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	Elong. (%)	
55700	72500	384	500	0.770	8.000	25.30	
54900	72300	379	499	0.760	8.000	25.40	

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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