

CERTIFIED MATERIAL TEST REPORT



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

CUSTOMER PURCHASE ORDER NUMBER 4500545897		BILL OF LADING 1323-0000232090	DATE 03/23/2023	GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 10 X 30# / 250 X 44.8	DOCUMENT ID: 0000590641
SALES ORDER 12696014/000060		CUSTOMER MATERIAL N° 000000003710300040		LENGTH 40' 00"	PCS 7	WEIGHT 8,400 LB
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	1.01	0.011	0.027	0.28	0.26	0.13	0.12	0.032	0.010	0.032	0.001	0.31

MECHANICAL PROPERTIES						
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	Elong. (%)
61800	72500	426	500	0.850	8.000	23.40
61600	72700	425	501	0.850	8.000	23.20

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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