

**CERTIFIED MATERIAL TEST REPORT**



US-ML-MIDLOTHIAN  
300 WARD ROAD  
MIDLOTHIAN, TX 76065  
USA

SALES ORDER 12623299/000010		CUSTOMER MATERIAL N° 00000000378350020		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 8 X 35# / 200 X 52	DOCUMENT ID: 0000893413	
CUSTOMER PURCHASE ORDER NUMBER 4500544524		BILL OF LADING 1327-0000512979	DATE 02/13/2023	LENGTH 20'00"	PCS 12	WEIGHT 8,400 LB	HEAT / BATCH 58054714/07
				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 (%)	Al (%)	CEqA6 (%)
0.08	0.90	0.007	0.038	0.21	0.25	0.10	0.18	0.034	0.005	0.002	0.020	0.000	0.30

MECHANICAL PROPERTIES										Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)										
54588	69637	376	480							0.780	8.000	200.0	26.30
55196	71222	381	491							0.770	8.000	200.0	27.10

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 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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