

CERTIFIED MATERIAL TEST REPORT



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

GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 8 X 35# / 200 X 52		DOCUMENT ID: 0000890396
LENGTH 60'00"	PCS 6	WEIGHT 12,600 LB	HEAT / BATCH 58054715/04	
SALES ORDER 12608093/000200		CUSTOMER MATERIAL N° 000000000378350060		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W
CUSTOMER PURCHASE ORDER NUMBER 4500544156	BILL OF LADING 1327-0000512059	DATE 02/07/2023		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.07	0.91	0.007	0.029	0.22	0.22	0.08	0.15	0.022	0.004	0.002	0.018	0.004	0.28

MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)		70317	384	485	0.790	8.000	200.0	27.10
		55627	377	483	0.780	8.000	200.0	27.50
		54684						

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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