



CERTIFIED MATERIAL TEST REPORT

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

			GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 6 X 16# / 150 X 24.0		DOCUMENT ID: 0000810500
			LENGTH 40'00"	PCS 12	WEIGHT 7,680 LB	HEAT / BATCH 59106198/02	
			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 4500533789		BILL OF LADING 1327-0000485976	DATE 07/27/2022				

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.09	0.92	0.013	0.021	0.21	0.38	0.09	0.18	0.020	0.008	0.002	0.014	0.001	0.31


MECHANICAL PROPERTIES								
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)	
55891	72708	385	501	0.770	8.000	200.0	24.80	
55880	72056	385	497	0.780	8.000	200.0	24.80	

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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