



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

CERTIFIED MATERIAL TEST REPORT

GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 21 X 57# / 530 X 85		DOCUMENT ID: 0000725-73	
LENGTH 50'00"	PCS 2	WEIGHT 5,700 LB	HEAT / BATCH 59101521/04		
SPECIFICATION / DATE OF REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W					

SALES ORDER 11459514/000140		CUSTOMER MATERIAL N°	
BILL OF LADING 1327-0000457349		DATE 01/21/2022	

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
C (%)	0.08	0.86	0.013	0.023	0.21	0.32	0.08	0.021	0.006	0.001	0.020	0.000	0.28

MECHANICAL PROPERTIES		YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)	68565	371	473	0.780	8.000	200.0	26.40
	53764	369	471	0.780	8.000	200.0	26.40

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 Gerdaul possession. This material, including the billets, was produced (Electric Arc Furnace melted, Continuously cast, and/or Hot rolled) in the USA. CMTR complies with EN 10204 3.1.

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