



**CERTIFIED MATERIAL TEST REPORT**

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

		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 12 X 26# / 310 X 38.7		DOCUMENT ID: 0000793921	
		LENGTH 50'00"		PCS 18	WEIGHT 23,400 LB		HEAT / BATCH 59105107/05
SALES ORDER 11897639/000020		CUSTOMER MATERIAL N° 000000003712260050		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 G450038152		BILL OF LADING 1327-0000480573		DATE 06/16/2022			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.08	0.89	0.021	0.029	0.24	0.31	0.08	0.17	0.018	0.007	0.002	0.018	0.001	0.30

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
58376	72524	402	500	0.810	8.000	200.0	26.40		
57599	71559	397	493	0.800	8.000	200.0	25.20		

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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