



CERTIFIED MATERIAL TEST REPORT

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

SALES ORDER 12186804/000020		GRADE A36/A572-50		SHAPE / SIZE Standard I-Beam / 10 X 25.4# / 250 X 37.8	DOCUMENT ID: 0000824327
		LENGTH 40'00"	PCS 24	WEIGHT 24,384 LB	HEAT / BATCH 58050091/02
CUSTOMER PURCHASE ORDER NUMBER SSW130257		BILL OF LADING 1327-0000490393		DATE 08/30/2022	
CUSTOMER MATERIAL N°		SPECIFICATION / DATE of REVISION ASME SA36 ASTM A572-21 ASTM A6-17, A36-14 ASTM A709-18			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.08	0.88	0.010	0.030	0.21	0.22	0.10	0.13	0.033	0.005	0.001	0.013	0.002	0.28

MECHANICAL PROPERTIES						
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	G/L (Inches)	G/L (mm)	Elong. (%)
54034	68140	372	470	8.000	200.0	26.40
54203	67881	374	468	8.000	200.0	24.00

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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