



CERTIFIED MATERIAL TEST REPORT

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

SALES ORDER 13352972/000010		CUSTOMER MATERIAL N° 00000000358184020		GRADE A36/A572-50	SHAPE / SIZE Standard I-Beam / 8 X 18.4# / 200 X 27.4	DOCUMENT ID: 0001003677
				LENGTH 20'00"	PCS 10	WEIGHT 3,680 LB
CUSTOMER PURCHASE ORDER NUMBER 4500558808		BILL OF LADING 1327-0000548066		DATE 09/27/2023		SPECIFICATION / DATE or 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	0.82	0.010	0.028	0.15	0.29	0.08	0.17	0.019	0.008	0.001	0.012	0.000	0.28

MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	G/L (Inches)	G/L (mm)	Elong. (%)	
58955	78074	407	538	8.000	200.0	24.30	
58911	77655	406	536	8.000	200.0	24.50	


COMMENTS / NOTES

Gerdaus steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit [www2.gerdau.com/metals-recycling](http://www2.gerdau.com/metals-recycling), or contact [metalsrecycling@gerdau.com](mailto:metalsrecycling@gerdau.com).

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 Gerdaus 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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