



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

**CERTIFIED MATERIAL TEST REPORT**

SALES ORDER 13429995/000010	CUSTOMER MATERIAL N°	GRADE A36/A572-50	SHAPE / SIZE Standard I-Beam / 12 X 31.8# / 310 X 47.3	DOCUMENT ID: 0001007524
		LENGTH 40'00"	PCS 6	WEIGHT 7,632 LB
CUSTOMER PURCHASE ORDER NUMBER SSW138898	BILL OF LADING 1327-0000549295	DATE 10/04/2023	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	0.90	0.013	0.026	0.20	0.34	0.08	0.18	0.025	0.005	0.002	0.012	0.001	0.30

MECHANICAL PROPERTIES						
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	G/L (Inches)	G/L (mm)	Elong. (%)
54044	70723	373	488	8.000	200.0	24.40
54410	70635	375	487	8.000	200.0	24.90

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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		LENGTH 40'00"		PCS 6	WEIGHT 7.632 LB		HEAT / BATCH 59099880/02
SALES ORDER 13429995/000010		CUSTOMER MATERIAL N°		SPECIFICATION / DATE or REVISION ASME SA36 ASTM A572-21 ASTM A6-17, A36-14 ASTM A709-18			
CUSTOMER PURCHASE ORDER NUMBER SSW138898		BILL OF LADING 1327-0000549295		DATE 10/04/2023			

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US-ML-MIDLOTHIAN  
 360 WARD ROAD  
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SALES ORDER  
 13429995/000010

CUSTOMER MATERIAL N°

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LENGTH 40'00"	PCS 6	WEIGHT 7,632 LB	HEAT / BATCH 59099880/02	
SPECIFICATION / DATE or REVISION ASME SA36 ASTM A572-21 ASTM A6-17, A36-14 ASTM A709-18				
CUSTOMER PURCHASE ORDER NUMBER 590138898	BILL OF LADING 1327-0000549295	DATE 10/04/2023		

CHEMICAL COMPOSITION													
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