



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

CERTIFIED MATERIAL TEST REPORT

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CUSTOMER PURCHASE ORDER NUMBER SSW136962		BILL OF LADING 1327-0000554512		DATE 11/08/2023	
SALES ORDER 13168915/000030		CUSTOMER MATERIAL N°			
CUSTOMER SHIP TO USA		CUSTOMER BILL TO USA		GRADE A36/A572-50	
SHAPE / SIZE Standard I-Beam / 10 X 35# / 250 X 52		LENGTH 40'00"		WEIGHT 8,400 LB	
HEAT / BATCH 55089015/02		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 (%)
0.08	1.01	0.013	0.018	0.22	0.25	0.14	0.12	0.035	0.010
MECHANICAL PROPERTIES									
YS 0.2% (PSI)		YS (MPa)		UTS (PSI)		UTS (MPa)		G/L (Inches)	
51609		356		74129		511		8.000	
51852		358		73306		506		8.000	
								G/L (mm)	
								200.0	
								200.0	
								Elong. (%)	
								25.30	
								26.30	

COMMENTS / NOTES

GerdaU's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www2.gerdau.com/metals-recycling, or contact 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 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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