

CERTIFIED MATERIAL TEST REPORT

DOCUMENT ID: 0000883881	SHAPE / SIZE Standard I-Beam / 4 X 7.7# / 100 X 11.5	GRADE A36/A572-50
HEAT / BATCH 58053809/03	WEIGHT 8,624 LB	LENGTH 20'00"
SPECIFICATION / DATE or REVISION ASME SA36 ASTM A572-21 ASTM A6-17, A36-14 ASTM A709-18		

MANHATTAN, KS 66505-1688 USA	CUSTOMER MATERIAL N° 000000000035477020
SALES ORDER 12598803/000010 USA	DATE 01/24/2023
BILL OF LADING 1327-0000509950	

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

CUSTOMER PURCHASE ORDER NUMBER
4500543995

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
C (%)	0.09	0.78	0.024	0.20	0.27	0.09	0.13	0.027	0.006	0.003	0.012	0.001	0.27
MECHANICAL PROPERTIES		UTS (PSI)		YS (MPa)		UTS (MPa)		G/L (Inches)		G/L (mm)		Elong. (%)	
YS 0.2% (PSI)	54889	67704	378	467	8.000	200.0	26.10	200.0	8.000	200.0	25.40		
	56183	69924	387	482	8.000	200.0	25.40						

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. CMTR complies with EN 10204 3.1.

Bhaskar
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Wade A. Lumpkins
 WADE LUMPKINS
 QUALITY ASSURANCE MGR.

Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Phone: 972-779-3118 Email: Wade.Lumpkins@gerdau.com