

**CERTIFIED MATERIAL TEST REPORT**



CUSTOMER SHIP TO  US-ML-MIDLOTHIAN 300 WARD ROAD MIDLOTHIAN, TX 76065 USA	CUSTOMER BILL TO	GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 10 X 45# / 250 X 67		DOCUMENT ID: 0001189477
		LENGTH 40'00"	PCS 3	WEIGHT 5,400 LB	HEAT / BATCH 59117883/16
SALES ORDER 14613143/000010	CUSTOMER MATERIAL N°		SPECIFICATION / DATE of REVISION ASTM A6-24A ASTM A709-21 GR50 ASTM A992-22, A572-21E1 CSA G40.21-13(R23) 345WM, 50W		
CUSTOMER PURCHASE ORDER NUMBER SSW148035	BILL OF LADING 1327-0000605635	DATE 12/11/2024			

CHEMICAL COMPOSITION												
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
0.07	0.91	0.012	0.026	0.24	0.34	0.20	0.15	0.034	0.011	0.002	0.018	0.29

MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
56833	73465	392	507	0.770	8.000	200.0	25.30
55133	72581	380	501	0.760	8.000	200.0	25.20

COMMENTS / NOTES

Gerda's 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 Gerda's possession. For all products than billets or beam blanks, this material was Melted & Poured (via Electric Arc Furnace and Continuous Caster) and produced (Hot Rolled and, if applicable, Cold-Drawn) in the USA. For billets or beam blanks, this material was Melted & Poured (via Electric Arc Furnace and Continuous Caster) in the USA. CMTR complies with EN 10204 3.1.

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Date: 12/24/2024 To: SENTRY SUPPLY dba SO#: A855887 Ln#: 1 PO#: PO253870-01 Part: W1004540+ Qty: 2  
 Heat#: 59117883+ Tag: B09122424