



US-ML-PETERSBURG
25801 HOPHEIMER WAY
PETERSBURG, VA 23803-8905
USA

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO CUSTOMER BILL TO		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 18 X 76# / 460 X 113	DOCUMENT I 0000473927
SALES ORDER 13288872/000010	CUSTOMER MATERIAL N°	LENGTH 60'00"	PCS 2	WEIGHT 9,120 LB
CUSTOMER PURCHASE ORDER NUMBER SSW137876	BILL OF LADING 1330-0000203479	SPECIFICATION / DATE OF REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WTM, 50W		
	DATE 09/07/2023			

CHEMICAL COMPOSITION	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
C (%)	0.10	1.13	0.012	0.031	0.21	0.29	0.11	0.16	0.030	0.003	0.019	0.004	0.35

MECHANICAL PROPERTIES	YS (PSI)	YS (MPa)	UTS (PSI)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
YS 0.2% (PSI)	69610	365	480	480	0.760	8.000	200.0	27.50
52865	373	480	480	0.780	8.000	200.0	28.70	
54031								

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, 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 Gerda 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.

Shakay
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Alice K. Pitchford
ALICE PITCHFORD
QUALITY ASSURANCE MGR.