



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

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE	SHAPE / SIZE	DOCUMENT ID:
INC		INC		A992/A572-50	Wide Flange Beam / 18 X 35# / 460 X 52	0000472968
4700 W. MAKSHALL AVE		N		LENGTH	PCS	WEIGHT
USA		L...		45'00"	6	9,450 LB
SALES ORDER		CUSTOMER MATERIAL N°		SPECIFICATION / DATE or REVISION		
13334345/000010		000000003718350045		ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W		
CUSTOMER PURCHASE ORDER NUMBER		BILL OF LADING	DATE			
G450042172		1330-0000203243	09/01/2023			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.10	0.99	0.009	0.022	0.25	0.32	0.17	0.17	0.040	0.011	0.003	0.021	0.003	0.34

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
58691	72414	405	499	0.810	8.000	200.0	22.20		
58843	71603	406	494	0.820	8.000	200.0	23.20		

COMMENTS / NOTES

Gerdaus 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 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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