



CERTIFIED MATERIAL TEST REPORT

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

		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 18 X 71# / 460 X 106		DOCUMENT ID: 0000501982	
		LENGTH 40'00"		PCS 6	WEIGHT 17,040 LB		HEAT / BATCH 60146657/04
SALES ORDER 13701703/000040		CUSTOMER MATERIAL N° 000000003718710040		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W			
CUSTOMER PURCHASE ORDER NUMBER 4500567204		BILL OF LADING 1330-0000211197		DATE 01/29/2024			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.08	1.00	0.014	0.036	0.17	0.26	0.14	0.18	0.050	0.013	0.004	0.023	0.003	0.32

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
53074	68538	366	473	0.770	8.000	200.0	21.10		
52555	69359	362	478	0.760	8.000	200.0	25.80		

COMMENTS / NOTES

Gerdaу'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 Gerdaу 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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