



CERTIFIED MATERIAL TEST REPORT

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

GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 6 X 25# / 150 X 37.1		DOCUMENT ID: 0000940702
LENGTH 20'00"	PCS 18	WEIGHT 9,000 LB	HEAT / BATCH 59111289/03	
SALES ORDER 12863181/000020		CUSTOMER MATERIAL N° 00000000376250020		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 4500549378	BILL OF LADING 1327-0000527935	DATE 05/12/2023		

CHEMICAL COMPOSITION												
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
0.08	0.82	0.009	0.024	0.21	0.25	0.09	0.12	0.023	0.007	0.001	0.014	0.26

MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
52347	67588	361	466	0.770	8.000	200.0	24.00
51370	67370	354	465	0.760	8.000	200.0	24.00

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 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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