



CERTIFIED MATERIAL TEST REPORT

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

		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 4 X 13# / 100 X 19.3		DOCUMENT ID: 0000824269	
		LENGTH 20'00"		PCS 45	WEIGHT 11,700 LB		HEAT / BATCH 59105718/03
SALES ORDER 12155981/000020		CUSTOMER MATERIAL N° 00000000374130020		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W			
CUSTOMER PURCHASE ORDER NUMBER G450038752		BILL OF LADING 1327-0000490366		DATE 08/30/2022			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.10	0.93	0.010	0.026	0.23	0.26	0.11	0.18	0.023	0.007	0.001	0.015	0.001	0.32

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
58672	70605	404	487	0.830	8.000	200.0	23.60		
61705	68198	425	470	0.850	8.000	200.0	23.60		

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 Gerdau 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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