



CERTIFIED MATERIAL TEST REPORT

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

USA		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 4 X 13# / 100 X 19.3	DOCUMENT ID: 0000802681
		LENGTH 20'00"	PCS 15	WEIGHT 3,900 LB
SALES ORDER 11879282/000020	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 G450038119	BILL OF LADING 1327-0000483455	DATE 07/08/2022		

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.12	0.99	0.011	0.015	0.20	0.26	0.11	0.19	0.024	0.006	0.002	0.013	0.001	0.35

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
58276	68719	402	474	0.850	8.000	200.0	23.60		
60293	71429	416	492	0.840	8.000	200.0	23.50		

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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