



CERTIFIED MATERIAL TEST REPORT

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

		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 8 X 35# / 200 X 52		DOCUMENT ID: 0000870714	
		LENGTH 20'00"		PCS 18	WEIGHT 12,600 LB		HEAT / BATCH 59107646/08
SALES ORDER 12414823/000100		CUSTOMER MATERIAL N° 00000000378350020		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 4500540509		BILL OF LADING 1327-0000505757		DATE 12/21/2022			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.09	0.89	0.006	0.024	0.19	0.28	0.10	0.13	0.025	0.007	0.001	0.018	0.000	0.30

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
53519	70343	369	485	0.760	8.000	200.0	25.20		
53481	69472	369	479	0.770	8.000	200.0	24.70		

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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