



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: 0000867576	
		LENGTH 40'00"		PCS 29	WEIGHT 40,600 LB		HEAT / BATCH 59108719/02
SALES ORDER 12398019/000180		CUSTOMER MATERIAL N° 00000000378350040		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 4500540207		BILL OF LADING 1327-0000504680		DATE 12/14/2022			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.10	0.95	0.006	0.025	0.21	0.27	0.10	0.16	0.026	0.006	0.002	0.019	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. (%)		
59017	75149	407	518	0.790	8.000	200.0	23.50		
57572	74083	397	511	0.780	8.000	200.0	23.00		

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 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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