



CERTIFIED MATERIAL TEST REPORT

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

		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 16 X 40# / 410 X 60		DOCUMENT ID: 0000796857	
		LENGTH 60'00"		PCS 5	WEIGHT 12,000 LB		HEAT / BATCH 59105560/05
SALES ORDER 11957561/000010		CUSTOMER MATERIAL N° 000000003716400060		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 4500531497		BILL OF LADING 1327-0000481503		DATE 06/23/2022			

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.10	1.03	0.016	0.013	0.19	0.30	0.09	0.18	0.023	0.007	0.001	0.023	0.001	0.34

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
56068	71589	387	494	0.780	8.000	200.0	24.60		
54901	70729	378	488	0.780	8.000	200.0	25.60		

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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