



US-MIDMIDLOTHIAN  
300 WARD ROAD  
MIDLOTHIAN, TX 76065  
USA

CUSTOMER SHIP TO		CUSTOMER BILL TO		GRADE	SHAPE / SIZE	DOCUMENT ID:
SALES ORDER 12386573/000010		CUSTOMER MATERIAL N°		A992/A572-50	Wide Flange Beam / 10 X 49# / 250 X 73	0000863961
BILL OF LADING 1327-0000503514		DATE 12/06/2022		LENGTH 40'00"	WEIGHT 7,840 LB	HEAT / BATCH 59107522/06
CUSTOMER PURCHASE ORDER NUMBER SSW131656		SPECIFICATION / DATE of REVISION				
		ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W				

CHEMICAL COMPOSITION		C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.09	0.94	0.009	0.023	0.20	0.34	0.10	0.18	0.024	0.008	0.002	0.002	0.023	0.002	0.002	0.32

MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)
72342	394	499	479	0.790	8.000	200.0	27.40		
57163	395	479	0.820	8.000	200.0	27.90			

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 Gerdaul 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.

*Bhaskar*  
BHASKAR YALAMANCHILI  
QUALITY DIRECTOR

*Wade Lumpkins*  
WADE LUMPKINS  
QUALITY ASSURANCE MGR.