



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

CERTIFIED MATERIAL TEST REPORT

4700 W MARSHALL AVE LONGVIEW, TX 75604-4817 USA		GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 12 X 40# / 310 X 60		DOCUMENT ID: 0000864770	
		LENGTH 60'00"	PCS 9	WEIGHT 21,600 LB	HEAT / BATCH 58054584/04		
SALES ORDER 12438731/000130		CUSTOMER MATERIAL N° 000000003712400060		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 G450039417		BILL OF LADING 1327-0000503803		DATE 12/07/2022			

CHEMICAL COMPOSITION		C (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
Mn (%)		0.08	0.91	0.023	0.24	0.26	0.10	0.16	0.040	0.004	0.001	0.018	0.000	0.29
MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)						
YS 0.2% (PSI)		67341	359	464	0.770	8.000	200.0	23.40						
52095		66563	355	459	0.770	8.000	200.0	24.90						
51545														

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 Gerdaу possession. For all products other than 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 Yalamanchili
BHASKAR YALAMANCHILI
QUALITY DIRECTOR

Wade A. Lumpkins
WADE LUMPKINS
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