



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

GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 8 X 31# / 200 X 46.1	DOCUMENT ID: 0000877538
LENGTH 20'00"	PCS 6	WEIGHT 3,720 LB
HEAT / BATCH 59107680/06		

SALES ORDER 12536687/000010	CUSTOMER MATERIAL N° 000000000378310020
BILL OF LADING 1327-0000507760	DATE 01/11/2023

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
G450039684

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqA6 (%)
C (%)	0.09	0.88	0.019	0.032	0.15	0.10	0.20	0.025	0.010	0.002	0.018	0.001	0.31

MECHANICAL PROPERTIES		YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (mm)	Elong. (%)
YS 0.2%(PSI)	55220	381	497	0.770	200.0	26.40
	50253	346	514	0.680	200.0	25.20

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, 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
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