



CERTIFIED MATERIAL TEST REPORT

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

SALES ORDER
12414823/000100

CUSTOMER MATERIAL N°
000000000378350020

GRADE
A992/A572-50

SHAPE / SIZE
Wide Flange Beam / 8 X 35# / 200 X
52

DOCUMENT ID:
0000870714

LENGTH
20'00"

PCS
18

WEIGHT
12,600 LB

HEAT / BATCH
59107646/08

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
4500540509

BILL OF LADING
1327-0000505757

DATE
12/21/2022

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.09	0.89	0.006	0.024	0.19	0.28	0.10	0.13	0.025	0.007	0.001	0.018	0.000	0.30

MECHANICAL PROPERTIES													
YS 0.2% (PSI)		UTS (PSI)		YS (MPa)		UTS (MPa)		Y/T rati (%)		G/L (Inches)		G/L (mm)	
53519		70343		369		485		0.760		8.000		200.0	
53481		69472		369		479		0.770		8.000		200.0	
												Elong. (%)	
												25.20	
												24.70	

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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