



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

CERTIFIED MATERIAL TEST REPORT


SALES ORDER 12501061/000020		CUSTOMER MATERIAL N°		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 10 X 49# / 250 X 73	DOCUMENT ID: 0000908221
CUSTOMER PURCHASE ORDER NUMBER SSW132356		BILL OF LADING 1327-0000517735	DATE 03/10/2023	SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W		
LENGTH 55'00"	PCS 3	WEIGHT 8,085 LB	HEAT / BATCH 59109770/06			


CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.07	0.88	0.011	0.033	0.20	0.32	0.08	0.14	0.020	0.007	0.001	0.018	0.001	0.27

MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
52010	68253	359	471	0.760	8.000	200.0	27.70
52434	67545	362	466	0.780	8.000	200.0	25.00

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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Date: 8/10/2023 To: SENTRY SUPPLY dba SO#: A777327 L#: 1 PO#: P0243383-1 Part: W1004950* Qty: 5
Heat#: 59109770* Tag: B07081023



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300 WARD ROAD
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SALES ORDER 12485307/000010	CUSTOMER MATERIAL N°	GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 10 X 49# / 250 X 73	DOCUMENT ID: 0000864003
		LENGTH 50'00"	PCS 4	WEIGHT 9,800 LB
CUSTOMER PURCHASE ORDER NUMBER SSW132258		BILL OF LADING 1327-0000503526	DATE 12/06/2022	SPECIFICATION / DATE or 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 (%)
0.06	0.89	0.008	0.025	0.16	0.34	0.10	0.15	0.025	0.010	0.002	0.019	0.000	0.27

MECHANICAL PROPERTIES							
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)
53749	68428	371	472	0.790	8.000	200.0	27.40
53435	67824	369	468	0.790	8.000	200.0	28.40

COMMENTS / NOTES

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Date: 8/10/2023 To: SENTRY SUPPLY dba SO#: A777327 Ln#: 1 PO#: P0243383-1 Part: W1004950* Qty: 4
Heat#: 58054601* Tag: B07081023