



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

CERTIFIED MATERIAL TEST REPORT

STEEL AND PIPE SUPPLY CO INC LONGVIEW, TX 75001 USA		MANHATTAN, KS 66505-1688 USA		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 8 X 35# / 200 X 52	DOCUMENT ID: 0000898856
SALES ORDER 12631025/000030		CUSTOMER MATERIAL N° 00000000378350020		LENGTH 20'00"	PCS 12	WEIGHT 8,400 LB
CUSTOMER PURCHASE ORDER NUMBER 4500544644		BILL OF LADING 1327-0000514728		DATE 02/21/2023		
SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-21 GR50 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 (%)
0.08	0.85	0.007	0.028	0.20	0.28	0.10	0.15	0.025	0.015	0.001	0.017	0.001	0.28

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
55594	72490	383	500	0.770	8.000	200.0	24.80		
56701	74866	391	516	0.760	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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