

CERTIFIED MATERIAL TEST REPORT

DOCUMENT ID: 0000881707	SHAPE / SIZE Wide Flange Beam / 8 X 28# / 200 X 41.7	GRADE A992/A572-50
HEAT / BATCH 59107868/02	WEIGHT 6,720 LB	PCS 6
LENGTH 40'00"		

MANHATTAN, KS 66505-1688 USA	CUSTOMER MATERIAL N° 000000000378280040
NEW CENTURY, KS 66031-1127 USA	DATE 01/19/2023
SALES ORDER 12600793/0000020	BILL OF LADING 1327-0000509193

GO GERDAU

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

CUSTOMER PURCHASE ORDER NUMBER
G450039840

SPECIFICATION / DATE or REVISION
ASTM A6-17
ASTM A709-18
ASTM A992-20, A572-21
CSA G40.21-13 345WM, 50W

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mn (%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
C (%)	0.10	0.88	0.009	0.021	0.19	0.12	0.16	0.025	0.008	0.001	0.015	0.001	0.31
MECHANICAL PROPERTIES		UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong. (%)					
YS 0.2% (PSI)	51453	71432	355	492	0.720	8.000	200.0	26.10					
	52244	71415	360	492	0.730	8.000	200.0	25.10					

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.

Wade A. Lumpkins
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