



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

CUSTOMER SHIP TO HOUSTON, TX 77029-3613 USA	CUSTOMER BILL TO HOUSTON, TX 77029 USA	GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 10 X 22# / 250 X 32.7	DOCUMENT ID: 0000954540
SALES ORDER 13054818/0000030	CUSTOMER MATERIAL N°	LENGTH 50'00"	PCS 32	WEIGHT 35,200 LB
BILL OF LADING 1327-0000532096	DATE 06/11/2023	SPECIFICATION / DATE OF REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345W/M, 50W		

CHEMICAL COMPOSITION											
C (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
0.08	0.93	0.022	0.027	0.32	0.11	0.19	0.031	0.008	0.002	0.018	0.31

MECHANICAL PROPERTIES			
YS 0.2% (PSI)	YS (MPa)	UTS (MPa)	Y/T ratio (%)
60676	418	522	0.800
62269	429	525	0.820

G/L (mm)			
G/L (Inches)	G/L (mm)	Elong. (%)	Elong. (%)
8.000	200.0	24.30	24.00
8.000	200.0		

COMMENTS / NOTES

Gerdaur's steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit www2.gerdau.com/metals-recycling, or contact metalsrecycling@gerdau.com.

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 Gerdaur 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.

Shackay
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR

Wade A. Lumpkins
 WADE LUMPKINS
 QUALITY ASSURANCE MGR

Phone: (800) 267.1171 Email: Bhaskar.Yalamanchili@gerdau.com

Phone: 972.770.3118 Email: Wade.Lumpkins@gerdau.com