

 US-ML-MIDLOTHIAN 300 WARD ROAD MIDLOTHIAN, TX 76065 USA	CUSTOMER SHIP TO LP HOUSTON, TX 77029-3613 USA		CUSTOMER BILL TO HOUSTON, TX 77029 USA	GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 12 X 40# / 310 X 60	DOCUMENT ID: 0000996221
	SALES ORDER 13174502/000020	CUSTOMER MATERIAL N° HOUSTON, TX 77029 USA		LENGTH 55'00"	PCS 8	WEIGHT 17,600 LB
CUSTOMER PURCHASE ORDER NUMBER SSW137007	BILL OF LADING 1327-0000545693	DATE 09/12/2023	SPECIFICATION / DATE OF REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W			

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
C (%)	0.09	0.93	0.021	0.037	0.18	0.08	0.16	0.019	0.011	0.003	0.022	0.30
MECHANICAL PROPERTIES		YS (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T ratio (%)	G/L (Inches)	G/L (mm)	Elong (%)			
YS 0.2% (PSI)	52730	67018	68670	364	462	0.790	8.000	200.0	24.80			
	52446			362	474	0.760	8.000	200.0	24.30			

COMMENTS / NOTES

Gerdaul'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 Gerdaul 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.

Bhaskar
 BHASKAR VALAMANCHILI
 QUALITY DIRECTOR

Phone: (800) 367-1071 Email: Bhaskar.Valamanchili@gerdau.com

Wade A. Lumpkins
 WADE LUMPKINS
 QUALITY ASSURANCE MGR.
 Phone: 977-770-3118 Email: Wade.Lumpkins@gerdau.com