

GERDAU		GRADE A992/A572-50	SHAPE / SIZE Wide Flange Beam / 12 X 35# / 310 X 52	DOCUMENT ID: 0000867642
US-MIDLOTHIAN 300 WARD ROAD MIDLOTHIAN, TX 76065 USA		LENGTH 40'00"	PCS 4	WEIGHT 5,600 LB
CUSTOMER PURCHASE ORDER NUMBER SSW132405		SPECIFICATION / DATE of REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W		
SALES ORDER 12498009/000160		CUSTOMER MATERIAL N°		
BILL OF LADING 1327-0000504695		DATE 12/14/2022		

CHEMICAL COMPOSITION		P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
C (%)	0.08	0.86	0.029	0.18	0.26	0.09	0.12	0.021	0.006	0.000	0.017	0.001	0.28
MECHANICAL PROPERTIES		UTS (PSI)		YS (MPa)		UTS (MPa)		Y/T rati (%)		G/L (Inches)		G/L (mm)	
	53461	69857	369	482	472	0.770	8.000	200.0	200.0	28.30	25.90		
	52322	68405	361	472	472	0.760	8.000	200.0	200.0	25.90			

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 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.

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