

<b>GERDAU</b> US-ML-MIDLOTHIAN 300 WARD ROAD MIDLOTHIAN, TX 76065 USA	CUSTOMER SHIP TO 9415 CLANTON DR HOUSTON, TX 77029-3613 USA		CUSTOMER BILL TO 9415 CLANTON DR HOUSTON, TX 77029 USA		GRADE A572-50	SHAPE / SIZE Wide Flange Beam / 14 X 22# / 360	DOCUMENT ID: 0001026330
	SALES ORDER 13409630/000250	CUSTOMER MATERIAL N° 1327-0000555443		CUSTOMER MATERIAL N° 11/16/2023		LENGTH 40'00"	WEIGHT 7,040 LB
CUSTOMER PURCHASE ORDER NUMBER SSW138744		BILL OF LADING 1327-0000555443		SPECIFICATION / DATE OF REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A995-20, A572-21 CSA G40.21-13 345WMA, 50W			

CHEMICAL COMPOSITION		C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)	Nb (%)	CEqvA6 (%)
0.08	0.99	0.014	0.019	0.19	0.28	0.13	0.15	0.041	0.034	0.002	0.013	0.002	0.013	0.31

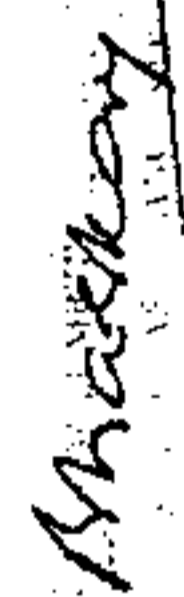
  

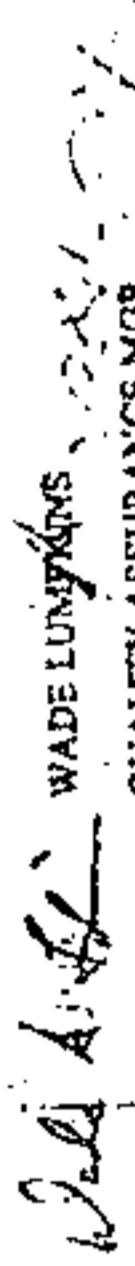
MECHANICAL PROPERTIES		YS (MPa)	UTS (PSI)	YS (MPa)	UTS (PSI)	Y/T rati (%)	G/L (mm)	Elong. (%)
56580	75827	390	77210	523	77210	0.750	200.0	24.00
54485	77210	376	77210	532	77210	0.710	200.0	24.70

COMMENTS / NOTES

Gerdaus steel is 100% recyclable. Support the circular economy through our Metals Recycling Partnership. For details, visit [www2.gerdau.com/metals-recycling](http://www2.gerdau.com/metals-recycling), or contact [metalsrecycling@gerdau.com](mailto: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 Gerdaus 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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