



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

CERTIFIED MATERIAL TEST REPORT

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CUSTOMER PURCHASE ORDER NUMBER SSW141527		BILL OF LADING 1327-0000575320		DATE 04/21/2024	
SALES ORDER 13765081/000060		CUSTOMER MATERIAL N°			
CUSTOMER SHIP TO		CUSTOMER BILL TO			
GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 5 X 16# / 150 X 24.0		DOCUMENT ID: 0001092110	
LENGTH 60'00"		PCS 12		WEIGHT 11,520 LB	
H.E.A.T. / BATCH 59116478/02		SPECIFICATION / DATE OF REVISION ASTM A6-17 ASTM A709-21 GR50 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W			

CHEMICAL COMPOSITION									
C (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo (%)	Sn (%)	V (%)
0.07	0.02	0.009	0.034	0.15	0.27	0.13	0.034	0.007	0.003
MECHANICAL PROPERTIES									
YS 0.2% (PSI)		YS (MPa)		UTS (PSI)		UTS (MPa)		Y/T ratio (%)	
5581		383		68214		470		0.820	
55921		386		68836		475		0.810	
Nb (%)		CEqvA6 (%)		G/L (mm)		G/L (inches)		Elong. (%)	
0.022		0.29		200.0		8.000		24.30	
				200.0		8.000		24.70	

COMMENTS / NOTES

GerdaU'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 GerdaU 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
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