



CERTIFIED MATERIAL TEST REPORT

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

SALES ORDER 12262926/000040		CUSTOMER MATERIAL N°		SPECIFICATION / DATE or REVISION ASTM A6-17 ASTM A709-18 ASTM A992-20, A572-21 CSA G40.21-13 345WM, 50W	
GRADE A992/A572-50		SHAPE / SIZE Wide Flange Beam / 6 X 16# / 150 X 24.0		DOCUMENT ID: 0000851098	
LENGTH 40'00"	PCS 24	WEIGHT 15,360 LB	HEAT / BATCH 58053738/02		
CUSTOMER PURCHASE ORDER NUMBER SSW130855		BILL OF LADING 1327-0000499417		DATE 11/04/2022	

CHEMICAL COMPOSITION													
C (%)	Mn (%)	P (%)	S (%)	Si (%)	Cu (%)	Ni (%)	Cr (%)	Mo(%)	Sn (%)	V (%)	Nb (%)	Al (%)	CEqvA6 (%)
0.10	0.98	0.009	0.028	0.29	0.25	0.11	0.18	0.027	0.008	0.003	0.022	0.004	0.32

MECHANICAL PROPERTIES									
YS 0.2% (PSI)	UTS (PSI)	YS (MPa)	UTS (MPa)	Y/T rati (%)	G/L (Inches)	G/L (mm)	Elong. (%)		
57299	70830	395	488	0.810	8.000	200.0	25.20		
59343	73777	409	509	0.800	8.000	200.0	25.20		

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 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
 BHASKAR YALAMANCHILI
 QUALITY DIRECTOR
 Phone: (409) 267-1071 Email: Bhaskar.Yalamanchili@gerdau.com

Wade A. Lumpkins
 WADE LUMPKINS
 QUALITY ASSURANCE MGR.
 Phone: 972-779-3118 Email: Wade.Lumpkins@gerdau.com